

PLUMB TOOLS

✂ HAND-FORGED ✂

FOR THE AUTOMOTIVE AND AVIATION INDUSTRIES

CATALOG NO. 12
10133



"The Golden Rule With Every Tool"

PLUMB TOOL COMPANY

MAIN OFFICE AND FACTORY
2209 Santa Fe Ave., Los Angeles, California

WAREHOUSE STOCKS AT

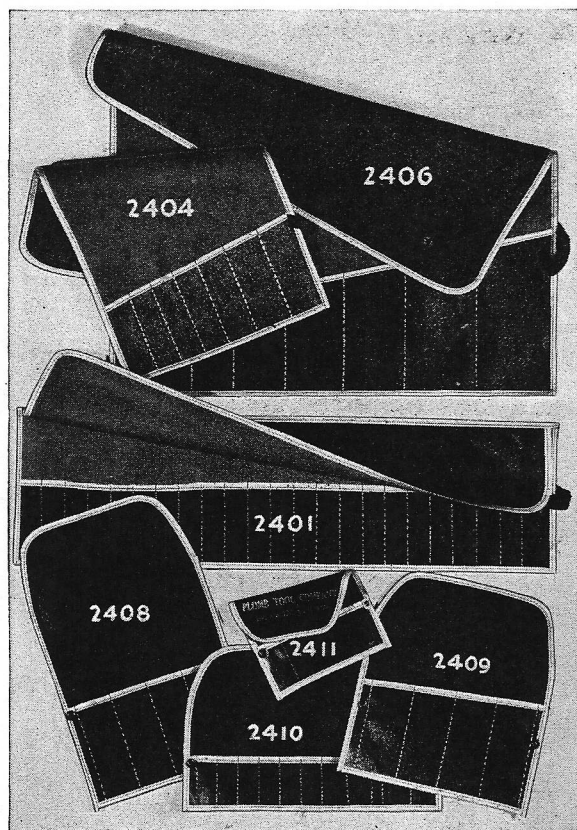
NEW YORK CITY
33 W. 60th Street

DALLAS
2705 Canton Street

CHICAGO
7435 Clyde Ave.



Plomb Hand-Forged Automotive and Aviation Tools



KITS FOR PLOMB SETS

These well made kits are just the thing for keeping sets together and preventing losses. They are made of heavy leatherette material, with strongly stitched seams and bound edges. Designed to fit the individual sets and will last indefinitely.

WRENCH OPENINGS TO FIT BOLTS AND NUTS

Set No. In Kit	Page	Kit No.	Price of Kit
No. 1 P. & C.	42	2401	\$.45
No. 2 P. & C.	42	2402	.25
No. 3 P. & C.	42	2403	.20
47-A	42		
50-A	42	2403	.20
86-A	42		
86-B	42		
96-A	41		
96-B	41	2404	.25
1100-A	18		
1100-B	18		
1100-D	18		
1100-F	18	2405	.35
1100-C	19		
1100-E	18		
1100-G	19	2406	.45
1200-A	23		
1200-B	23	2409	.15
3000-A	22		
3000-B	22	2405	.35
3000-C	22		
3000-D	22		
3000-E	22	2406	.45
3200-A	23		
3200-B	23	2411	.15
3200-C	23		
3200-D	23	2410	.20
3400-A	20		
3400-D	21	2408	.20
3400-B	20		
3400-C	20	2405	.35

Width Across Flats Bolt Heads and Nuts	THREAD DIAMETER				
	U.S. Standard		S.A.E.	American Standard	
	Bolts and Nuts	Hex. Head Cap Screw	Cap Screw and Nuts	Bolts and Nuts	Hex. Head Cap Screw
$\frac{1}{4}$				#4	
$\frac{5}{16}$	$\frac{1}{8}$	$\frac{1}{8}$		#5 and 6	
$\frac{3}{8}$	$\frac{3}{16}$	$\frac{3}{16}$		#10	
$\frac{7}{16}$		$\frac{1}{4}$	$\frac{1}{4}$	#12 & $\frac{1}{4}$	$\frac{1}{4}$
$\frac{1}{2}$	$\frac{1}{4}$	$\frac{5}{16}$	$\frac{5}{16}$		$\frac{5}{16}$
$\frac{9}{16}$		$\frac{3}{8}$	$\frac{3}{8}$	$\frac{5}{16}$	$\frac{3}{8}$
$\frac{19}{32}$	$\frac{5}{16}$				
$\frac{5}{8}$		$\frac{7}{16}$	$\frac{7}{16}$	$\frac{3}{8}$	$\frac{7}{16}$
$\frac{21}{32}$					
$\frac{11}{16}$	$\frac{3}{8}$				
$\frac{3}{4}$		$\frac{1}{2}$	$\frac{1}{2}$	$\frac{7}{16}$	$\frac{1}{2}$
$\frac{25}{32}$	$\frac{7}{16}$				
$\frac{13}{16}$		$\frac{9}{16}$		$\frac{1}{2}$	$\frac{9}{16}$
$\frac{7}{8}$	$\frac{1}{2}$	$\frac{5}{8}$	$\frac{9}{16}$	$\frac{9}{16}$	$\frac{5}{8}$
$\frac{15}{16}$			$\frac{5}{8}$	$\frac{5}{8}$	
$\frac{31}{32}$	$\frac{9}{16}$				
1		$\frac{3}{4}$	$\frac{11}{16}$		$\frac{3}{4}$
$\frac{11}{16}$	$\frac{5}{8}$		$\frac{3}{4}$		
$\frac{11}{8}$		$\frac{7}{8}$		$\frac{3}{4}$	$\frac{7}{8}$
$\frac{13}{16}$					
$\frac{11}{4}$	$\frac{3}{4}$	1	$\frac{7}{8}$		
$\frac{15}{16}$				$\frac{7}{8}$	1
$\frac{13}{8}$		$\frac{11}{8}$			
$\frac{17}{16}$	$\frac{7}{8}$		1		
$\frac{11}{2}$		$\frac{11}{4}$		1	$\frac{11}{8}$
$\frac{19}{16}$					
$\frac{19}{8}$	1	$\frac{13}{8}$	$\frac{11}{8}$		
$\frac{13}{4}$					
$\frac{113}{16}$	$\frac{11}{8}$		$\frac{11}{4}$		
$\frac{17}{8}$				$\frac{11}{4}$	
2	$\frac{11}{4}$		$\frac{13}{8}$		
$\frac{21}{8}$					



Plomb Socket Sets

Meet the Most Exacting Standards of Modern Design, Absolute Accuracy and Hand-Forged Quality

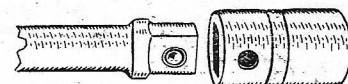
For many years Plomb Socket Sets have aroused the enthusiasm and inspired the loyalty of mechanics throughout America. Attachments are hand-forged; sockets are fabricated from finest steel, with thin walls that enable them to get into closer places and turn nuts that ordinary sockets will not reach.

The items and sets shown in this catalog are the very latest products of Plomb forges and the finest tools we have ever made. All tools are completely modern in design and manufacture. More than ever before the Plomb Line is profitable to both the jobber who sells tools and the mechanic who buys them.

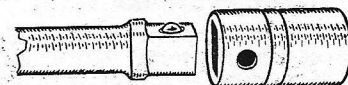
Plomb "Hole-Tite" Sockets

It has long been recognized by mechanics that the friction ball on male socket connections sometimes does not hold the sockets securely enough. This is especially true when the socket fits tightly on the nut, and as a result the connection pulls loose.

Plomb has overcome this difficulty simply and effectively. All sockets (except Heavy Duty) are drilled on one side, so the friction ball snaps into place when lined up with the hole. This holds the socket extra tightly on the handle. It locks on without any locking attachment, but comes off easily with a strong pull. For ordinary use, simply insert connection so friction ball does not line up with hole.



To use "Hole-Tite" feature, line up friction ball with hole in socket.



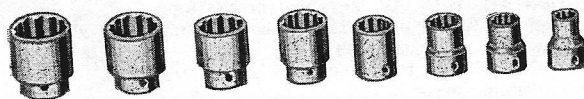
To use sockets when ordinary friction of ball is sufficient, insert connection so ball is not lined up with hole.

The "Cub" Socket Sets

with $\frac{3}{8}$ " Service Connections

You've seen "pony" sets, "midget" sets, etc., but you've never seen a small socket set the equal of the Plomb "Cub". It's small but mighty. Serves every purpose within the size limits of its sockets, $\frac{5}{16}$ " to $\frac{3}{4}$ ". With this set the mechanic gets behind carburetors and reaches stubborn, "frozen" nuts in hard-to-get-at places inaccessible to other tools. Ideal for electrical and carburetor work. This catalog shows the latest designs and many new items.

12-POINT CUB SOCKETS



$\frac{3}{8}$ " Square Connections—Polished Finish

These keen little sockets have exceptionally thin walls, yet have enormous strength. They get in surprisingly close places. Beautiful polished finish. $\frac{3}{8}$ " square service connections, and all have "Hole-Tite" feature for locking to handles.

Socket No.	Socket Size	S.A.E. Cap Screw & Nuts	Hex. Head Cap Screw	U.S.S. Bolt & Nut	Price Each
		Screw Dia.	Screw Dia.	Screw Dia.	
5210	$\frac{5}{16}$	----	$\frac{1}{8}$	$\frac{1}{8}$	\$.30
5212	$\frac{3}{8}$	----	$\frac{3}{16}$	----	.30
5214	$\frac{7}{16}$	$\frac{1}{4}$	$\frac{1}{4}$	----	.30
5216	$\frac{1}{2}$	$\frac{5}{16}$	$\frac{5}{16}$	$\frac{1}{4}$	.35
5218	$\frac{9}{16}$	$\frac{3}{8}$	$\frac{3}{8}$	----	.35
5220	$\frac{5}{8}$	$\frac{7}{16}$	$\frac{7}{16}$	----	.40
5221	$\frac{21}{32}$	Model A	Ford Con Rod	----	.40
5222	$\frac{11}{16}$	----	----	$\frac{3}{8}$	.40
5224	$\frac{3}{4}$	$\frac{1}{2}$	$\frac{1}{2}$	----	.40

No. 5200E—Set of 8 Cub Sockets, including all of the above except No. 5221, $\frac{31}{32}$ " size, price.....\$2.80
No. 5200F—Set of 9 Cub Sockets, complete as listed\$3.20

8-POINT CUB SOCKETS



Extra deep square driving sockets that turn nuts where screw extends through. Each $1\frac{1}{2}$ " long. Especially valuable for body and

fender bolts. $\frac{3}{8}$ " connections, with "Hole-Tite" feature.

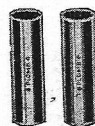
Socket No.	Socket Size	U.S.S. Sq. Bolt & Nut	U.S.S. Sq. Cap Screw	Sq. Head Set Screws	Price Each
		Screw Dia.	Screw Dia.	Screw Dia.	
5112	$\frac{3}{8}$	----	$\frac{1}{4}$	$\frac{3}{8}$	\$.35
5114	$\frac{7}{16}$	----	$\frac{5}{16}$	$\frac{7}{16}$	.35
5116	$\frac{1}{2}$	$\frac{1}{4}$	$\frac{3}{8}$	$\frac{1}{2}$	.40
5118	$\frac{9}{16}$	----	$\frac{7}{16}$	$\frac{9}{16}$	.40
5120	$\frac{5}{8}$	----	$\frac{1}{2}$	$\frac{5}{8}$	.45

No. 5110A—Set of four Sockets, Nos. 5114 to 5120 inclusive\$1.60
No. 5100C—Complete set of five Sockets..... 1.95



No. 5221— $\frac{21}{32}$ " CUB SOCKET FOR FORD CON. ROD NUTS

New 12-point socket supplying this odd size for use with the Plomb Cub Set. As all mechanics know, $\frac{21}{32}$ " is the size socket for Ford connecting rod nuts. Every Ford mechanic with a Cub set needs this socket. Price.....\$.40



DEEP 12-POINT CUB SOCKETS

These new sockets are especially useful for turning nuts in running board channels, on body and fender supports, and other places inaccessible to the socket of ordinary depth. Length, $1\frac{7}{8}$ "; $\frac{3}{8}$ " square service connection for Cub handles. $\frac{1}{2}$ " socket fits late Ford V8 carburetor jet. $\frac{3}{8}$ " socket fits Chevrolet head bolts and valve cover studs.

No. 5014— $\frac{1}{8}$ " deep Cub socket.....45c
No. 5016— $\frac{1}{4}$ " deep Cub socket.....50c
No. 5018— $\frac{3}{8}$ " deep Cub socket.....50c
No. 5020— $\frac{1}{2}$ " deep Cub socket.....55c
No. 5000A—Set of Four Sockets.....\$2.00

Plomb Hand-Forged Automotive and Aviation Tools

12-POINT UNIVERSAL SOCKETS

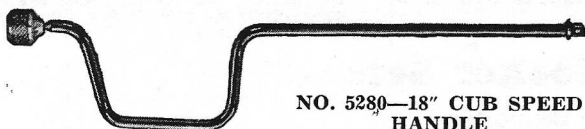
These 12-point sockets and universal joints combined are very handy for turning nuts from any angle. The universal joint is more compact and closer coupled than any other made. No. 5276 is essential for Chevrolet manifolds, and the others are just as important. All have $\frac{3}{8}$ " square service connections, with "Hole-Tite" feature.

No. 12-Point	Price	No. 12-Point	Price
5274 $\frac{7}{16}$ "	\$1.40	5277 $\frac{5}{8}$ "	\$1.50
5275 $\frac{1}{2}$ "	1.40	5278 $\frac{11}{16}$ "	1.65
5276 $\frac{9}{16}$ "	1.50	5279 $\frac{3}{4}$ "	1.75



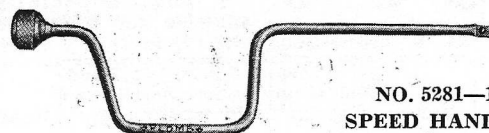
NO. 5251 CUB RATCHET WITH ATTACHED PLUG

This new ratchet is now included with Cub set. Socket plug integral part of ratchet; adaptor plug is not required. To reverse, push plug through. Price.....\$2.50



NO. 5280—18" CUB SPEED HANDLE

Hand-forged, light and slim for close work. Handle spins on a single ball-bearing, which never wears out and gives exceptionally easy action. 18" long; $\frac{3}{8}$ " stock; $\frac{3}{8}$ " square service connection. Price.....\$1.50



NO. 5281—14" CUB SPEED HANDLE

This speed handle is the same as the No. 5280 18" handle, except that it is only 14" overall length. It is used for clutch work, oil pans, etc., where the 18" length is too long. Price.....\$1.25



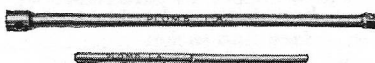
NO. 5265—CUB HINGE HANDLE

A very handy tool that can be used as an offset wrench or a tee handle. Hinged socket is very small and can be operated from any angle. Patented. $7\frac{1}{2}$ " long, complete with pin handle. Price.....\$1.60



NO. 5263—CUB 18" EXTENSION

With this extension the mechanic can reach in and turn nuts in out-of-the-way places. Made of $\frac{3}{8}$ " round steel, hand forged, with hole in female end for inserting pin for using extension as a tee handle. $\frac{3}{8}$ " male and female connections. Price.....\$1.25



NO. 5262—CUB 12" EXTENSION

The latest addition to the Plomb Cub set and the handiest size extension made. Female end drilled for pin handle, so it can be used as a tee handle as well as an extension. Price.....\$.95



NO. 5261 8" EXTENSION

This 8" extension is a worth-while addition to the Cub set. It works well, for example, on the Ford starting motor. $\frac{3}{8}$ " square male and female connections. Female end drilled for pin handle and pin handle furnished free as supplied with No. 5263—18" extension. Price\$.70

NO. 5260—CUB $3\frac{1}{2}$ " EXTENSION



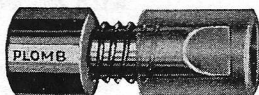
Hand-forged, just the right length for handling many jobs. $\frac{3}{8}$ " square connections. Price.....\$.60

NO. 5259—1 $\frac{1}{2}$ " CUB EXTENSION

Especially made for removing timing gear cover of Model A Fords. Used with No. 5218 $\frac{9}{16}$ " socket and No. 5251 ratchet. Price.....\$.60

NO. 5247 ALEMITE-ZERK SOCKET

Enables you to install and remove both Alemite and Zerk fittings with one tool. Slots at side fit over prongs of Alemites and over shank of offset Zerks, while hexagon in socket fits hex head of Zerk fittings. Thin, light, strong\$.60



NO. 5245 CUB SET CHEVROLET OIL PAN SCREW DRIVER

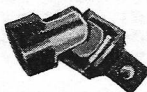
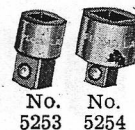
Putting the screws in the Chevrolet oil pan is a difficult and "goat-getting" job. This little tool makes it easy. The socket fits over head of screw, holding it in place while the screw driver inside socket turns screw into place. $\frac{3}{8}$ " square service connection for Cub Set. Price\$.75

CUB SET ADAPTORS

With these two adaptors the Plomb Cub set, with $\frac{3}{8}$ " service connections, and the larger sets with $\frac{1}{2}$ " connections may be used together.

No. 5253 $\frac{3}{8}$ " female and $\frac{1}{2}$ " male connections, price\$.60

No. 5254, $\frac{1}{2}$ " female and $\frac{3}{4}$ " male connections, price\$.60



NO. 5270 CUB SET UNIVERSAL JOINT

Particular attention is called to this universal joint, furnished with Cub sets. To our knowledge, it is the smallest universal made, $1\frac{1}{2}$ " overall length. Gets in where other universals fail. $\frac{3}{8}$ " square connections with "Hole-Tite" female connection. Price.....\$1.35



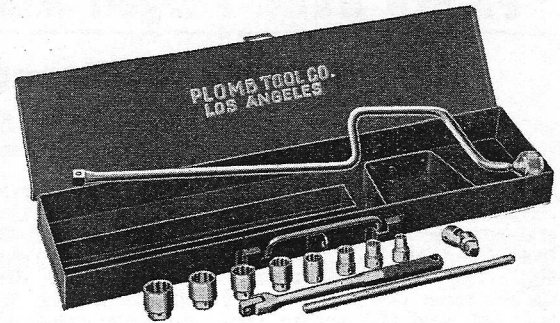
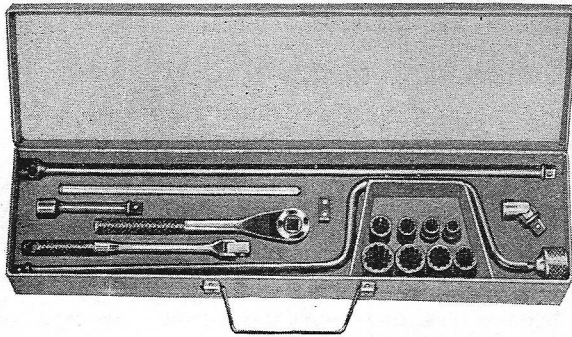
NO. 5246 CUB SCREWDRIVER SOCKET

Handy for turning screws anywhere, using Cub set attachments. Designed especially for making Gemmer steering adjustments on Fords, but has scores of other uses. Every mechanic with a $\frac{3}{8}$ " socket set needs this item. Price\$.60



NO. 5297—CUB SOCKET RACK

Seventeen Cub sockets with $\frac{3}{8}$ " square service connections, will fit on this handy rack. It is $18\frac{1}{4}$ " long and can be used in any tool box of that size or larger. Clip on side slips over edge of box or tote tray, or the rack can be attached to wall or bench. Keeps small sockets in place. Made of heavy sheet steel, enameled. Price.....\$.75



SOCKETS

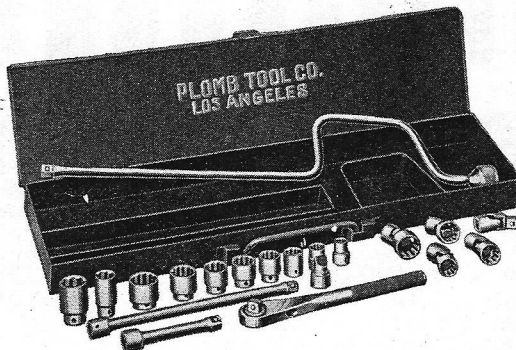
No.	12-Point Opening	Price	No.	12-Point Opening	Price
5210	$\frac{5}{16}$"	.....\$ .30	5218	$\frac{9}{16}$"	.....\$ .35
5212	$\frac{3}{8}$"	..... .30	5220	$\frac{5}{8}$"	..... .40
5214	$\frac{7}{16}$"	..... .30	5222	$1\frac{1}{16}$"	..... .40
5216	$\frac{1}{2}$"	..... .35	5224	$\frac{3}{4}$"	..... .40

ATTACHMENTS

5251	7" Ratchet	.....\$2.50	5270	Universal Joint	.....\$1.35
5260	3½" Extension	..... .60	5280	18" Speed Hndl.	..... 1.50
5263	18" Extension	..... 1.25	5295	Metal Carry-	
5265	7½" Hinge H'dl.	..... 1.60		ing Case	..... 1.00

Set No. 5200A. Sockets and attachments only.
Price\$11.60

Set No. 5200B. Complete as illustrated, in No.
5295 metal case. Price 12.60



NO. 5200G—FORD CUB SOCKET SET

A set that provides the sockets, extensions and handles especially needed for all the lighter jobs on Ford cars and trucks. With this set a mechanic can do his work quicker, easier and more efficiently. Consists of the following items:

No.	Item	Price	No.	Item	Price
5251	7" Ratchet	.....\$2.50	5222	$1\frac{1}{16}$"	.....\$ .40
5280	18" Speeder	..... 1.50	5224	$\frac{3}{4}$"	..... .40
5260	3½" Extension	..... .60		8-Pt. Sockets	
5261	8" Extension	..... .70	5114	$\frac{7}{16}$"	..... .35
5270	Univ. Joint	..... 1.35	5118	$\frac{9}{16}$"	..... .40
	12-Pt. Sockets			12-Pt. Univ. Sockets	
5212	$\frac{3}{8}$"	..... .30	5275	$\frac{1}{2}$"	..... 1.40
5214	$\frac{7}{16}$"	..... .30	5276	$\frac{9}{16}$"	..... 1.50
5216	$\frac{1}{2}$"	..... .35	5277	$\frac{5}{8}$"	..... 1.50
5218	$\frac{9}{16}$"	..... .35	5278	$1\frac{1}{16}$"	..... 1.65
5220	$\frac{5}{8}$"	..... .40	5246	Screw Driver	
5221	$2\frac{1}{32}$"	..... .40		Socket	..... .60

No. 5200G—Ford Cub Socket Set complete, as
listed, tools only\$16.95

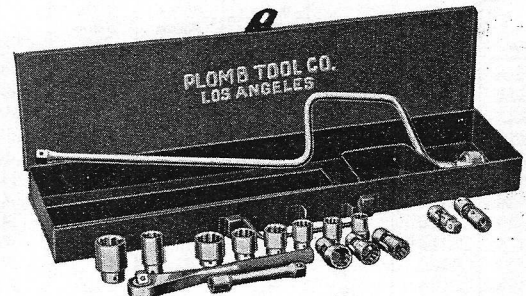
No. 5200H—Ford Cub Socket Set, complete, as
shown in No. 5295 metal carrying case 17.95

**NO. 5200C—SPECIAL LOW-PRICED
CUB SOCKET SET**

For the mechanic who wants the advantages of the small Cub Sockets with a minimum number of attachments, we make up the 5200C set. It includes No. 5265 hinge handle, No. 5270 universal joint, No. 5280 speed handle and all Cub 12-point Sockets (except No. 5221 $2\frac{1}{32}$ ").

Set No. 5200C—Tools only\$7.25

Set No. 5200D—Same as No. 5200C, but in No.
5295 metal box 8.25



NO. 5200I CHEVROLET CUB SOCKET SET

A keen little Cub set, especially adapted to Chevrolet work. With these light, strong handles, sockets and extensions; you can speed up all the little jobs, where nuts are from $\frac{7}{16}$ " to $\frac{3}{4}$ ", get behind carburetors and other hard-to-reach places. Mechanics tell us that this is the best set with $\frac{3}{8}$ " service connections ever made. The Chevrolet Cub set consists of the following:

No. 5251—7" Ratchet	.....\$2.50
No. 5260—3½" Extension	..... .60
No. 5270—Universal Joint	..... 1.35
No. 5280—18" Speed Handle	..... 1.50
12-point Cub Sockets—5214, $\frac{7}{16}$ "; 5216, $\frac{1}{2}$ "; 5218, $\frac{9}{16}$ "; 5220, $\frac{5}{8}$ "; 5222, $1\frac{1}{16}$ ", and 5224 $\frac{3}{4}$ "—6 sockets complete	..... 2.20
8-point Cub Sockets—No. 5114, $\frac{7}{16}$ ", and 5120, $\frac{5}{8}$ "—2 sockets	..... .80
Universal Sockets—Nos. 5275, $\frac{1}{2}$ "; 5276, $\frac{9}{16}$ ", and 5277, $\frac{5}{8}$ "—3 Universal Sockets	..... 4.40
No. 5245—Chevrolet Oil Pan Screwdriver Socket	..... .75

No. 5200I—Chevrolet Cub Socket Set, complete,
as listed, tools only 14.10

No. 5200J—Chevrolet Cub Socket Set, complete,
as listed, in No. 5295 metal carrying case 15.10

Plomb Hand-Forged Automotive and Aviation Tools

Plomb Standard Socket Sets

with 1/2" Service Connections
(Formerly "DD" Sets)

These sockets and handles, with 1/2" square service connections, fully meet the need for all-around, general-purpose work. Standard sockets range in size from 7/16" to 1 1/4", by 16ths, with the addition of 19/32", 21/32", 25/32", and 31/32" sizes. There are extra deep sockets from 1/2" to 1 1/8", and 8-point sockets for 3/8", 7/16", 1/2", and 9/16" square nuts and bolts. Crowfoot wrenches ranging in size from 1/2" to 3/4". Universal

sockets with 1/2", 9/16" and 5/8" 12-point openings, complete the line. Handles, extensions, and universals provide a means of reaching and turning every nut within the size limits of the sets.

The mechanic with a complete Plomb 1/2" socket set is equipped to do practically every job that can be handled with any socket assortment. See tools and sets on following pages.



5400 SERIES 12-POINT SOCKETS
(Formerly "DD" Sockets)

Fabricated from finest steel. 12-point or double hexagon sockets are absolutely accurate. Walls are exceptionally thin, so sockets will turn nuts in very close places, yet with the tremendous strength to strip the threads on any bolt without breaking. Each socket has the "Hole-Tite" feature. Beautiful polished finish. Made in the following sizes:

No.	Old No.	12-Pt. Opening	S.A.E. Cap Screw & Nut Screw Dia.	Hex. Head Cap Screw Dia.	U.S.S. Bolt & Nut Screw Dia.	Price Each
5414	DD7	7/16	1/4	1/4	---	\$.40
5416	DD8	1/2	5/16	5/16	1/4	.40
5418	DD9	9/16	3/8	3/8	---	.40
5419	DD9 1/2	19/32	---	---	5/16	.40
5420	DD10	5/8	7/16	7/16	---	.40
5421	DD10 1/2	21/32	Ford A Conn.	Rod	---	.45
5422	DD11	11/16	---	---	3/8	.45
5424	DD12	3/4	1/2	1/2	---	.45
5425	DD12 1/2	25/32	---	---	7/16	.50
5426	DD13	13/16	---	9/16	---	.50
5428	DD14	7/8	9/16	5/8	1/2	.60
5430	DD15	15/16	5/8	---	---	.60
5431	DD15 1/2	31/32	---	---	9/16	.60
5432	DD16	1	11/16	3/4	---	.60
5434	DD17	1 1/16	3/4	---	5/8	.65
5436	DD18	1 1/8	---	7/8	---	.75
5438	DD19	1 3/8	32 Chev. Rear	Axle	---	.80
5440	DD20	1 1/4	7/8	1	3/4	.90

No. 5400P Set, complete set of 18 sockets, as listed. Price.....\$9.85

SPECIAL 1/2" 12-POINT SOCKET SETS

No. 5400G Set (Old No. DD106) consisting of all sockets from No. 5414 to No. 5432, inclusive—14 sockets, price.....\$6.75

No. 5400H Set (Old No. DD108) consisting of sockets Nos. 5414-16-18-20-22-24-26-28-30-32—10 sockets, price.....\$4.80

HEXAGON SOCKETS WITH 1/2" CONNECTIONS

No.	Opening	Price	No.	Opening	Price
D 7	7/16"	\$.20	D12 1/2	25/32"	\$.30
D 8	1/2"	.20	D13	13/16"	.30
D 9	9/16"	.20	D14	7/8"	.35
D10	5/8"	.20	D15	15/16"	.35
D11	11/16"	.25	D16	1"	.35
D12	3/4"	.25			

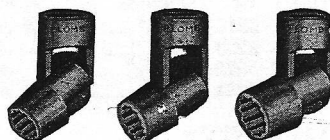
No. 8D—Set of 11 Sockets Listed.....\$2.95

DRAG LINK SCREW DRIVERS



No.	Old No.	Width Bit	Attach. Size	Price
5444	DSD12	3/4"	1/2" sq.	\$.60
5446	DSD16	1"	1/2" sq.	.65

12-POINT UNIVERSAL SOCKETS

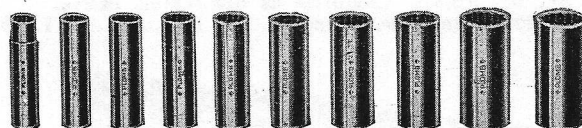


Handy universal sockets for speeding up tough jobs. Time savers in close quarters, such as motor block nuts, timing

gear covers, etc. Three popular sizes; 1/2" square service connections; 12-point sockets:

No.	Old No.	Opening	Price
5475	DU8	1/2"	\$1.50
5476	DU9	9/16"	1.50
5477	DU10	5/8"	1.50

Set of Three.....\$4.50

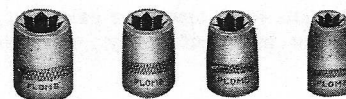


5300 SERIES EXTRA DEEP SOCKETS

These 12-point sockets are punched 1 3/8" nut depth. Used for spark plugs, body bolts, spring clips, etc., where sockets of extra depth are an advantage. Light in weight but of tremendous strength because of finest steel, oil-tempered. 1/2" square connections.

No.	12-Pt. Opening	Price	No.	12-Pt. Opening	Price
5340	1/2"	\$.65	5347	1 1/8"	\$.70
5341	5/8"	.65	5348	7/8"	.70
5343	3/4"	.70	5349	1 1/4"	.80
5344	1 1/8"	.70	5351	1"	.85
5345	3/4"	.70	5352	1 1/8"	.90
5346	5/8"	.70	5353	1 1/4"	.95

5300A Set, 12 Sockets as above. Price.....\$9.00



8-POINT SOCKETS WITH 1/2" SQUARE CONNECTIONS

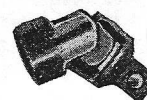
No.	Old No.	8-Pt. Open	U.S.S. Sq. Bolt & Nut Screw Dia.	U.S.S. Sq. Cap Screw Dia.	Sq. Head Set Screws Dia.	Price Each
5312	D6S	3/8"	..	1/4	3/8	\$.40
5314	D7S	7/16	..	9/16	7/16	.40
5316	D8S	1/2	1/4	3/8	1/2	.40
5318	D9S	9/16	..	7/16	9/16	.40

5300B—Set of 4, as above.....\$1.60

NO. 5470 UNIVERSAL JOINT

Extremely compact and short-coupled to get in close places. 1/2" square connections, with "Hole-Tite" feature on female end.

No. 5470 (Old No. DU8S).....\$1.50



Plomb Hinge Handles

"Best Handle Ever Made,"
Mechanics Say

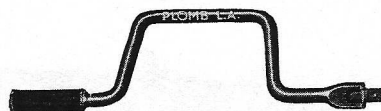
The Plomb Hinge Handle (patented) has great strength, simplicity, and exceptional usefulness. Can be used as an ell, a tee, or an offset. Socket end hinged and operates at any angle. Eliminates need of a universal joint on many jobs. Break or cinch nut with the offset, speed on or off with the tee.

3 Sizes with 1/2" Connection

Hinge handle with 1/2" connection made in three lengths—9 1/2", 15", and 18". The 18" wrench, illustrated here, also has a 1/2" square in end of handle, enabling the mechanic to use other attachments on this end. Pin handle included with all three sizes.

For Other
Hinge Handles
See Cub and
Heavy Duty
Sets

No.	Old No.	Hinge Handle	Price
5466	DMH	9 1/2" long, 1/2" connection, wt. 15 oz.	\$1.95
5467	DH	15" long, 1/2" connection, wt. 1 lb. 4 oz.	2.50
5468	DTH	18" long, 1/2" connection, wt. 1 lb. 15 oz.	2.85



NO. 5469—SPEED HINGE HANDLE

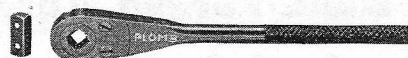
This tool combines the advantages of a hinge or flex handle with those of a speed wrench. Can be used as an ell or an offset to break loose stubborn nuts, then the nut speeded off without removing the handle. Handy for con. rod and head bolt nuts, etc. Has ball bearing handle. Forged from 3/16" stock with 1/2" connection, 14" overall length.

Price.....\$2.50



NO. 5485
SLIDING BAR
HANDLE

10" long, with 1/2" connection. Used as Tee or offset. Friction ball holds head at any point on bar. Head also locks on either end of bar to form offset wrench, weight, 1 lb. Price\$1.00



NO. 5450
RATCHET
HANDLE

Hand-forged, heat-treated, and practically indestructible. 1/2" connection; 10 1/2" long.

No. 5450 (old No. DR8).....\$3.00
No. 5452 Adaptor Plug (old No. DA8)25

EXTRA LONG PLUG

Extra Long Adaptor Plug, 1/2" square, 3" long; very useful for working in close places as ratchet will slide full length of plug.

No. 5460 (old No. DE3)\$4.40



NO. 5451—RATCHET HANDLE WITH
ATTACHED PLUG

This latest type 1/2" ratchet has an integral plug, like the No. 5251 Cub ratchet. An adaptor plug is not required. To reverse the ratchet, simply push plug through and turn ratchet over.

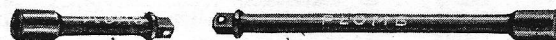
Price.....\$3.25

NO. 5486
ELL WRENCH



10" long, knurled handle, 1/2" service connection. Weight, 15 oz.

No. 5486 (old No. DL).....\$.75



EXTENSIONS WITH 1/2" CONNECTIONS

No. 5461 (old No. DE5) 5" long, 1/2" male and female connections\$.60

No. 5463 (old No. DE10) 10" long, 1/2" male and female connections\$.70

1/2" SPEEDER HANDLES

Hand-forged throughout of finest steel. Handle, which spins on a single ball-bearing, is slickest you ever saw; never wears out. Made with 1/2" service connection. For 3/8" Speeder Handle, see Cub set.

No.	Old No.	1/2" SPEEDER HANDLES	Price
5480	DS18	18" long, 1/2" stock, 1/2" connection	\$1.65
5482	DLS18	18" long, 3/8" stock, 1/2" connection	1.50

DETACHABLE CROWFOOT WRENCHES

Get nuts located where sockets or open-end wrenches won't reach. 1/2" service connections.



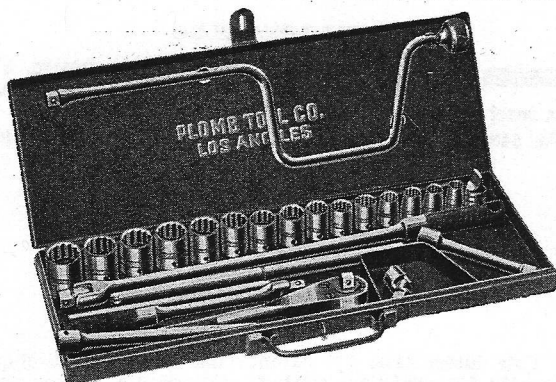
No.	Old No.	Size	Price	No.	Old No.	Size	Price
5716	DC8	1/2"	\$.50	5722	DC11	1 1/16"	\$.55
5718	DC9	9/16"	.50	5724	DC12	3/4"	.60
5720	DC10	5/8"	.55	5700A	DCA Set of	5 in box	2.70

Plomb Hand-Forged Automotive and Aviation Tools

Standard Socket Sets With 1/2" Connections

These were formerly our "DD" Sets. Those illustrated and described herein are the sets that have proved most popular with mechanics and are complete in themselves. If one of these socket sets does

not exactly meet your needs, make your own selections from the items described on preceding pages, and put the tools into whichever of the boxes best fits the set. Boxes are shown on page 17.



NO. 5400S—ALL AROUND SOCKET SET

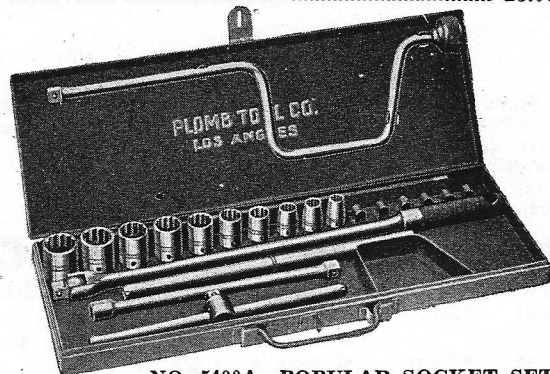
A very complete set with 1/2" connections, providing every socket from 7/16" to 1 1/16", and an excellent assortment of handles and attachments for every purpose. Set contains the following items:

No.	Old No.	Item	Price
5480	DS18	18" Speed Handle	\$1.65
5468	DTH	18" Hinge Handle	2.85
5466	DMH	9 1/2" Hinge Handle	1.95
5451		10 1/2" Ratchet with Attached Plug	3.25
5461	DE5	5" Extension .....	.60
5463	DE10	10" Extension .....	.70
5444	DSD12	Drag Link Screwdriver .....	.60
5470	DU8S	Universal Joint	1.50
		15 12-point sockets—Nos. 5414-16-18-20-22-24-26-28-30-32— sizes from 7/16" to 1"	7.40

No. 5400S Set Complete, as above, tools only.....\$20.50

No. 5400T Set Complete, as above, in No. 5496 Metal box

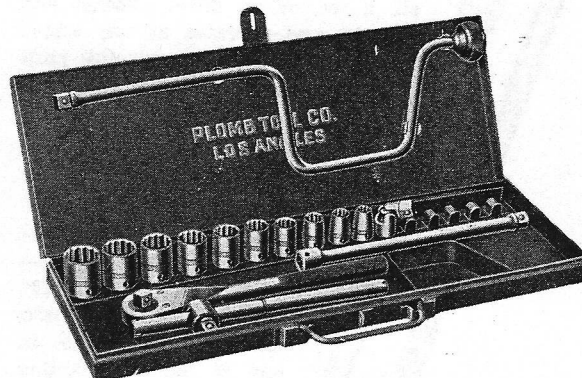
23.00



NO. 5400A—POPULAR SOCKET SET

A lot for your money here. Sockets are the sizes most used; attachments such as enable you to handle almost any job. The No. 5468 18" Hinge Handle can be used as a T for cylinder head work, or as an L for bearing jobs. Contains following items:

No.	Old No.	Item	Price
5480	DS18	18" Speed Wrench with ball-bearing Handle	\$ 1.65
5463	DE10	10" Extension .....	.70
5485	DSB	10" Sliding Bar Handle	1.00
5468	DTH	18" Hinge Handle with pin	2.85
5400H	DD108	10 12-point Sockets, Nos. 5414-16-18-20-22-24-26-28-30-32— sizes from 7/16" to 1"	4.80
5400A	DD100	Complete set, tools only	11.00
5400B	DD101	Complete set, as above, in No. 5496 metal case	13.50



NO. 5400M—A VERY COMPLETE SET AT AN ECONOMICAL PRICE

Formerly our DD120. It is highest quality in every respect, with hand-forged attachments and thin-walled 12-point sockets with 1/2" square service connections.

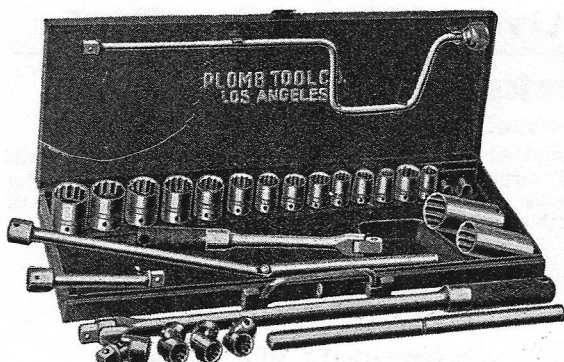
No.	Old No.	Item	Price
5480	DS18	18" Speed Wrench with ball-bearing handle	\$ 1.65
5470	DU8S	Universal Joint	1.50
5463	DE10	10" Extension .....	.70
5400H	DD108	10 12-point sockets, Nos. 5414-16-18-20-22-24-26-28-30-32, sizes from 7/16" to 1" (see page 9)	4.80
5485	DSB	10" Sliding Bar Handle	1.00
5451		Hand-Forged Ratchet Handle	3.25
5400-M	DD120	Complete set, as above, weight in carton, 7 3/4 lbs. Price	12.90
5400-N	DD121	Complete set, as above, but in No. 5496 metal box	15.40



NO. 5400J SOCKET SET

Popular general utility set, formerly No. DD111, well adapted for motor and bearing work. 1/2" connections. Includes following items:

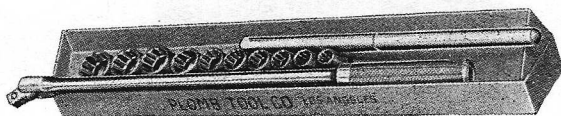
No.	Old No.	Item	Price
5468	DTH	18" Hinge Handle with pin	\$ 2.85
5482	DLS18	18" Speed Handle	1.50
		11 12-point sockets—Nos. 5414-16-18-20-21-22-24-26-28-30-32— sizes from 7/16" to 1"—11 sockets	5.25
5400J	DD111	Set as listed, tools only	\$ 9.60
5400K	DD112	Complete set in metal carrying case, No. 5295, as illustrated. Price	10.60



NO. 5400Q—FORD 1/2" SOCKET SET

This set consists of sockets and handles (with 1/2" square connections) that are especially adaptable to work on Ford Model A, Model B, and Model 18 V8 cars. It includes 12-point sockets and universal sockets, extra deep sockets, and an assortment of handles and extensions that appeal particularly to the Ford mechanic. Includes the following items:

No. 5482 (Old No. DLS18) 18" Speed Handle.....	\$ 1.50
No. 5466 (Old No. DMH) 9 1/2" Hinge Handle.....	1.95
No. 5468 (Old No. DTH) 18" Hinge Handle.....	2.85
No. 5470 (Old No. DU8S) Universal Joint.....	1.50
No. 5461 (Old No. DE5) 5" Extension .....	.60
No. 5463 (Old No. DE10) 10" Extension .....	.70
12-point Sockets—Nos. 5414, 7/16"; 5416, 1/2"; 5418, 9/16"; 5420, 5/8"; 5421, 21/32"; 5422, 11/16"; 5424, 3/4"; 5426, 13/16"; 5428, 7/8"; 5430, 15/16"; 5432, 1", and 5434, 1 1/16" (Old Nos. DD7, DD8, DD9, DD10, DD10 1/2, DD11, DD12, DD13, DD14, DD15, DD16, and DD17)—12 Sockets.....	5.90
8-point Sockets—No. 5314, 7/8" and No. 5318, 9/16"—2 sockets .....	.80
Extra deep 12-point sockets—No. 5349, 1 1/8", and No. 5353, 1 1/8"—2 sockets	1.75
Universal Sockets—Nos. 5475, 1/2"; 5476, 9/16", and 5477, 5/8", (Old Nos. DU8, DU9 and DU10)—3 universal sockets	4.50
No. 5400Q—1/2" Socket Set complete, as listed, tools only	22.05
No. 5400R—1/2" Socket Set complete, as listed in No. 5496 metal box.....	24.55



NO. 5400E SET

Consists of No. 5468 18" Hinge Handle (old No. DTH) with pin handle and Sockets Nos. 5414-16-18-20-22-24-26-28-30-32, 7/16" to 1".

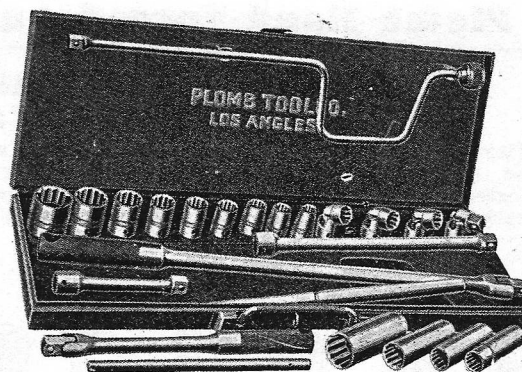
No. 5400E Set (old No. DD104) complete in carton.....	\$7.65
No. 5400L Set (old No. DD113) same as above except in No. 5295 metal carrying case	8.65



NO. 5400F SET

Includes No. 5486 L Handle (old No. DL) and 8 sockets, Nos. 5414-16-18-20-22-24-26-28, 7/16" to 7/8" openings.

No. 5400F Set (old No. DD105) complete, as illustrated, in cardboard carton	\$4.35
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NO. 5400U—CHEVROLET 1/2" SOCKET SET

This is a very complete selection of 1/2" sockets, handles and extensions for the Chevrolet mechanic. While the Cub handles and sockets are lighter and faster, this set takes care of practically every nut found on Chevrolet cars and trucks. It includes the following items.

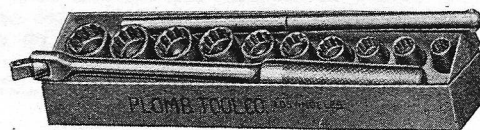
No. 5468 (Old No. DTH) 18" Hinge Handle	\$ 2.85
No. 5466 (Old No. DMH) 9 1/2" Hinge Handle.....	1.95
No. 5482 (Old No. DLS18) 18" Speed Handle.....	1.50
No. 5470 (Old No. DU8S) Universal Joint.....	1.50
No. 5461 (Old No. DE5) 5" Extension .....	.60
No. 5463 (Old No. DE10) 10" Extension .....	.70
12-point Sockets—Nos. 5414, 7/16"; 5416, 1/2"; 5418, 9/16"; 5420, 5/8"; 5422, 11/16"; 5424, 3/4"; 5426, 13/16"; 5430, 15/16"; 5432, 1", and 5434, 1 1/16"—10 sockets complete	4.85
Extra deep 12-point Sockets, for tappet cover bolts, brakes on 4-cyl. Chevrolet, spring clips, head bolts, metric spark plugs, etc.—Nos. 5341, 9/16"; No. 5343, 5/8"; No. 5345, 3/4", and No. 5351, 1", etc.—4 sockets complete.....	2.90
Universal Sockets—Nos. 5475, 1/2"; 5476, 9/16", and 5477, 5/8"; (Old Nos. DU8, DU9, and DU10)—3 universal sockets	4.50
No. 5400U—Tools only, as listed.....	\$21.35
No. 5400V—Set complete in No. 5496 Box.....	23.85



NO. 5400C SET

Popular both with mechanics and car owners, although one of our lowest price socket sets. 1/2" connections. Contains following items:

No.	Old No.	Item	Price
5466	DMH	9 1/2" Hinge Handle with pin.....	\$ 1.95
		6 12-point Sockets—Nos. 5414-16-18-20-22-24—sizes, 7/16" to 3/4".....	2.50
5400C	DB102	Complete set, as above, in cardboard carton. Price	4.45



NO. 5400D SET

A small set that has ten 12-point sockets, with openings 7/16" to 1". The Hinge Handle is No. 5467 (old No. DH), 15" over all length, with pin. A good set to start with, and you can add other items as desired.

No. 5400D Set (old No. DD103), complete as illustrated in cardboard carton.....	\$7.30
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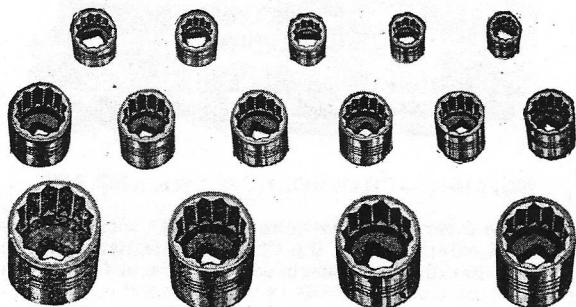
Plomb Hand-Forged Automotive and Aviation Tools

Heavy Duty Socket Sets

With $\frac{3}{4}$ " Service Connections

These heavy duty sockets and attachments are tools of superb quality and enormous strength. Unexcelled for truck, tractor and industrial work. Attachments are hand-forged from finest chrome

molybdenum steel, with beautiful natural blue finish. All service connections are $\frac{3}{4}$ " square, instead of the usual $\frac{1}{2}$ ". Attachments No. 5686 and No. 5668 are exclusive Plomb designs for heavy duty sets.



5500 SERIES HEAVY DUTY 12-POINT SOCKETS

Powerful sockets made from finest molybdenum alloy steel, accurately broached and scientifically heat-treated. Natural blue polished finish. These sockets are extra deep, with thin walls to get in close places, and they will strip the threads of any bolt. Made in the following sizes:

No.	Old No.	12 Pt. Open.	S.A.E. Cap Screw & Nut Screw Dia.	Hex. Head Cap Screw Dia.	U.S.S. Bolt & Nut Screw Dia.	Over-all Lnth.	Price
5530	DDX15	$\frac{15}{16}$	$\frac{5}{8}$	...	...	$1\frac{1}{4}$	.70
5532	DDX16	1	$\frac{11}{16}$	$\frac{3}{4}$	...	2	.75
5534	DDX17	$\frac{11}{16}$	$\frac{3}{4}$	...	$\frac{5}{8}$	2	.85
5536	DDX18	$1\frac{1}{8}$	...	$\frac{7}{8}$	...	$2\frac{1}{4}$	.95
5538	DDX20	$1\frac{3}{8}$	32 Chev. v. Rea	r Axle Nut	...	1.05	1.05
5540	DDX22	$1\frac{1}{4}$	$\frac{7}{8}$	1	$\frac{3}{4}$	2 $\frac{3}{8}$	1.15
5544	DDX23	$1\frac{1}{8}$	...	$1\frac{1}{8}$	...	2 $\frac{5}{8}$	1.30
5546	DDX24	$1\frac{1}{8}$	1	...	$\frac{7}{8}$	2 $\frac{5}{8}$	1.40
5548	DDX25	$1\frac{1}{2}$	...	$1\frac{1}{4}$	...	3	1.50
5550	DDX26	$1\frac{1}{2}$	...	...	...	3	1.60
5552	DDX28	$1\frac{5}{8}$	$1\frac{1}{8}$	...	1	3	1.75
5556	DDX29	$1\frac{3}{4}$	...	...	...	$3\frac{1}{2}$	1.95
5558	DDX30	$1\frac{3}{4}$	$1\frac{1}{4}$	...	$1\frac{1}{8}$	$3\frac{1}{2}$	2.10
5560	DDX32	2	...	...	...	$3\frac{1}{2}$	2.30
5564	DDX33	$2\frac{1}{8}$	1 $\frac{3}{8}$	...	$1\frac{1}{4}$	$3\frac{1}{2}$	2.50
5568	DDX34	$2\frac{1}{2}$	3 ton Dodge axle nut	...	$3\frac{1}{2}$	$3\frac{1}{2}$	3.00

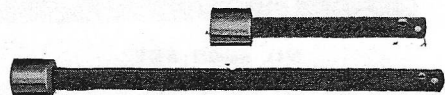
No. 5500J—Set of 16 Heavy Duty Sockets, including all sockets listed.....\$24.85



NO. 5685—SLIDING BAR HANDLE
(Old No. DXSB)

This handle is 19" long, hand-forged $1\frac{1}{16}$ " stock, with $\frac{3}{4}$ " square connection. Friction ball holds head at any point on bar. Can be used as a tee handle, or as an offset wrench with head locked on either end of bar.

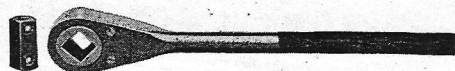
Price\$2.00



NOS. 5661 & 5663 (Old Nos. DXE8 & DXE16)
8" AND 16" HEAVY DUTY EXTENSIONS

These hand-forged extensions have $\frac{3}{4}$ " male and female connections, and the shanks are $\frac{3}{4}$ " square so that a wrench can be used for additional leverage.

No. 5661 (Old No. DXE8) 8" extension.....\$1.35
No. 5663 (Old No. DXE16) 16" extension..... 1.70



NO. 5650—HEAVY DUTY RATCHET
(Old No. DXR12)

A powerfully built ratchet, hand-forged from finest steel. The mechanism is simple in principle and positive in action. All parts immediately accessible if desired. $\frac{3}{4}$ " square connection.

Price\$6.25

No. 5652—Adaptor Plug (Old No. DXA1)..... .60



NO. 5668—HEAVY DUTY HINGE HANDLE
(Old No. DXTH)

This powerful hand-forged hinge handle is an exclusive Plomb development, with greater utility than any other type of handle. Hinged socket operates at any angle. Can be used as an offset, an ell or a tee wrench. 19" long, with $\frac{3}{4}$ " square connection.

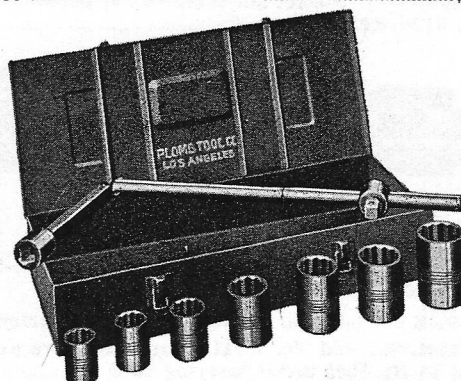
Price\$4.95



NO. 5686—HEAVY DUTY ELL HANDLE
(Old No. DXL)

An exceptionally strong hand-forged handle that gives powerful leverage on a heavy-duty socket. 18" long, $\frac{3}{4}$ " square connection.

Price\$1.75



NO. 5500G—SPECIAL LOW-PRICED HEAVY DUTY SET

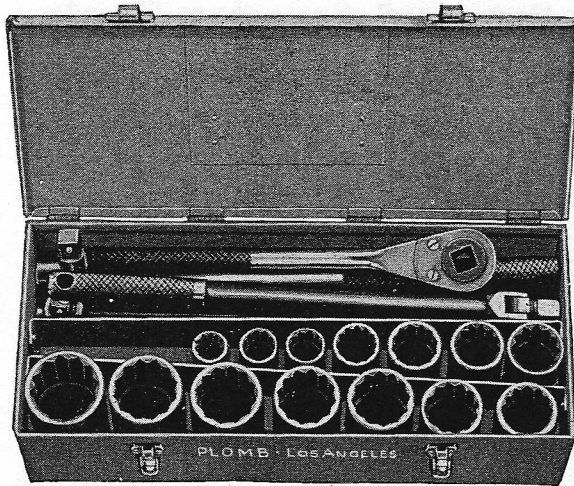
If you want the most commonly used heavy-duty sockets, with one handle and extension, at a low price, the following set will meet your requirements:

No. 5685 (Old No. DXSB) Sliding Bar Handle.....\$ 2.00
No. 5661 (Old No. DXE) 8" Extension..... 1.35

Heavy Duty 12-point Sockets—Nos. 5534, 5536, 5540, 5544, 5546, 5548, 5552, and 5556 (Old Nos. DDX17, DDX18, DDX20, DDX22, DDX23, DDX24, DDX26, and DDX28)—8 sockets..... 10.85

No. 5500G Set complete, as above, tools only..... 14.20

No. 5500H Set complete, as above, in No. 5695 metal box 17.15



NO. 5500E—HEAVY DUTY SOCKET SET
(Old No. DDX5)

The complete heavy-duty socket set, including all sockets and attachments, as follows:

Sockets

No.	Old No.	Open.	Price	No.	Old No.	Open.	Price
5530	DDX15	1 1/16"	\$.70	5548	DDX24	1 1/2"	1.50
5532	DDX16	1"	.75	5550	DDX25	1 3/4"	1.60
5534	DDX17	1 1/8"	.85	5552	DDX26	1 5/8"	1.75
5536	DDX18	1 1/4"	.95	5556	DDX28	1 3/4"	1.95
5538		1 3/16"	1.05	5558	DDX29	1 13/16"	2.10
5540	DDX20	1 1/4"	1.15	5560	DDX30	1 7/8"	2.30
5544	DDX22	1 3/8"	1.30	5564	DDX32	2"	2.50
5546	DDX23	1 7/16"	1.40	5568	DDX34	2 1/8"	3.00

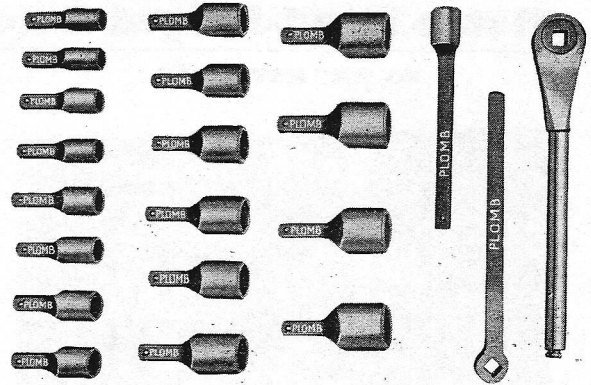
Attachments

No. 5650 (Old No. DXR12) Ratchet Handle	6.25
No. 5652 (Old No. DXA1) Adaptor Plug .....	.60
No. 5685 (Old No. DXSB) Sliding Bar Handle.....	2.00
No. 5661 (Old No. DXE8) 8" Extension.....	1.35
No. 5663 (Old No. DXE16) 16" Extension.....	1.70
No. 5686 (Old No. DXL) Ell Handle	1.75
No. 5668 (Old No. DXTH) Hinge Handle	4.95
No. 5500E Set Complete (Old No. DDX5) as above, in wooden box.....	\$43.45
No. 5500F Set (Old No. DDX6) same as above but in No. 5695 Heavy Duty tool box, as illustrated, price	\$46.40

Popular Heavy Duty Sets

Following are some of the favorite combinations of Plomb Heavy Duty sockets and attachments, with 3/4" service connections:

SET No. 5500A (old No. DDX1). Includes Sockets Nos. 5530-32-34-36-40-44-46-48; No. 5661 8" Extension; No. 5663 16" Extension; No. 5685 Sliding Bar Handle. Weight, in wooden box, 7 1/4 lbs. Price per set	\$13.65
SET No. 5500B (old No. DDX2). Same as 5500A, but in No. 5695 metal carrying case.....	16.60
SET No. 5500C (old No. DDX3). Sockets Nos. 5530 to 5556, inclusive, except No. 5538, sizes from 1 1/8" to 1 3/4"; Nos. 5661 and 5663 8" and 16" extensions; No. 5685 Sliding Bar Handle; No. 5650 Ratchet Handle; No. 5652 Adaptor Plug. Weight, in wooden box, 25 lbs., 6 oz. Price	\$25.80
SET No. 5500D (Old No. DDX4). Same as Set No. 5500C, but in No. 5695 metal carrying case	28.75

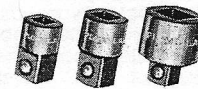


TRUCK AND TRACTOR SOCKET SET

These powerful heavy-duty sockets, with long 7/8" square shanks, are especially useful for truck and tractor work, on nuts from 1" to 2" in size. The sockets range from 5" to 6 1/2" long, giving unusual clearance. These heavy-duty tools are practically indestructible, made to stand the most powerful pull.

No.	Hex.	Open.	Price	No.	Hex.	Open.	Price
Z16	1"		\$1.10	Z25	1 9/16"		\$1.80
Z17	1 1/16"		1.20	Z26	1 5/8"		1.85
Z18	1 1/8"		1.30	Z27	1 11/16"		1.95
Z19	1 3/16"		1.35	Z28	1 3/4"		2.00
Z20	1 1/4"		1.40	Z29	1 13/16"		2.10
Z21	1 5/16"		1.50	Z30	1 7/8"		2.20
Z22	1 3/8"		1.60	Z31	1 15/16"		2.25
Z23	1 7/16"		1.65	Z32	2"		2.35
Z24	1 1/2"		1.70				
ZH	17" Handle						\$ 2.00
ZE	13" Extension						1.40
ZR14	18" Ratchet						11.85

Adaptors and Plugs

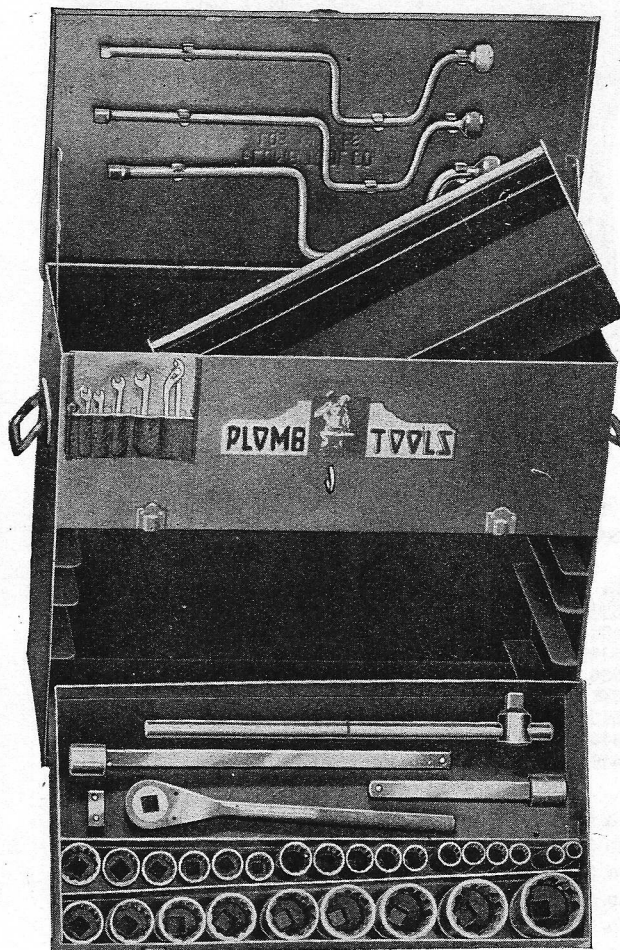
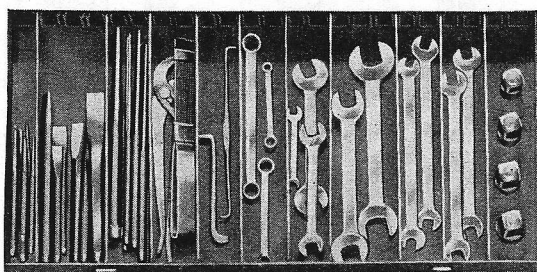
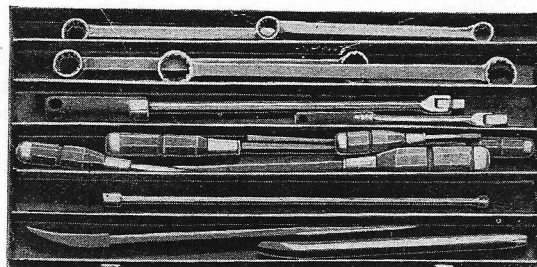
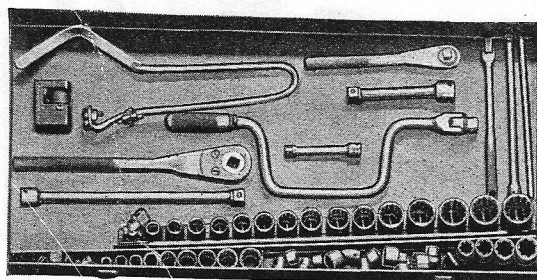


By use of the following adaptors the attachments and sockets of the various Plomb Socket Sets or other sets can be used together; that is, the handles with one size connection can be used with sockets having another size connection, and vice versa.

No.	Old No.	Size	Price
5253		1/2" Male x 3/8" Female	\$.60
5254		3/8" Male x 1/2" Female .....	.60
5653	DXA2	3/4" Male x 1/2" Female .....	.75
5654	DXA3	5/8" Male x 3/4" Female .....	.90
5655	DXA4	3/4" Male x 5/8" Female .....	.85
ADAPTOR PLUGS			
5452	DA8	1/2" Male x 1/2" Male .....	.25
5460	DE3	1/2" Male x 1/2" Male 3" long.....	.40
DA9		1/2" Male x 9/16" Male .....	.50

Plomb Hand-Forged Automotive and Aviation Tools

NO. 9999C MASTER SET



Plomb "Master" Complete Tool Sets

Plomb Master Tool Sets have been designed and selected for mechanics who desire a full set of the finest tools, which will completely meet every hand-tool need. These assortments go much farther than the usual so-called "super socket sets". They include all necessary socket handles and attachments and all types of sockets, such as "Cub" items for small work, standard sockets with $\frac{1}{2}$ " connections, heavy-duty sockets with $\frac{3}{4}$ " drive connections, and extra-deep and universal sockets. There is a socket for turning every size nut from $\frac{5}{16}$ " to $2\frac{1}{8}$ ".

In addition, the sets include box wrenches, open-end wrenches, tappet wrenches, wheel knockers, screw extractors, screw drivers; chisels, punches, bars, etc.; special tools such as water pump pliers, carbon scrapers, stud pullers, etc., and a complete kit of the finest ignition wrenches.

Every tool in these sets is a LIVE item that the mechanic uses practically every day. They are not just ordinary assortments, but **complete tool outfits** that include the latest items selected after careful research into the real needs and desires of automotive mechanics.

Each set is complete in itself. Each includes the Plomb No. 9999 Tool Chest with four drawers, No. 2099 Tote Tray, No. 5497 Socket Rack for holding sockets in place, and a separate kit for ignition tools. The No. 9999C Master Set (illustrated) consists of 149 tool items, No. 9999D Master Set includes 107 tool items, and the No. 9999E Set 71 tool items.

In presenting Plomb Master Tool Sets to the trade, we sincerely believe that we are offering the finest, most complete and usable assortments of fine hand tools it is possible to design.

- | | |
|---|----------|
| No. 9999C Master Tool Set—Complete as listed in first price column—149 tool items, in No. 9999 Chest, with Tote Tray, Socket Rack, and Ignition Tool Kit. Price..... | \$167.60 |
| No. 9999D Master Tool Set—Complete as listed in second price column—107 tool items, in No. 9999 Chest, with Tote Tray, Socket Rack, and Ignition Tool Kit. Price..... | 121.85 |
| No. 9999E Master Tool Set—Complete as listed in third price column—71 tool items, in No. 9999 Chest, with Tote Tray, Socket Rack, and Ignition Tool Kit. Price..... | 89.95 |

Full Listings and Prices of Three Master Sets Shown on Opposite Page

Plomb "Master" Tool Sets

No.	Size	Set No. 9999C	Set No. 9999D	Set No. 9999E
12-POINT CUB SOCKETS—3-8" CON.				
5210	5-16"	.30	.30	.30
5212	3-8"	.30	.30	.30
5214	7-16"	.30	.30	.30
5216	1-2"	.35	.35	.35
5218	9-16"	.35	.35	.35
5220	5-8"	.40	.40	.40
5221	21-32"	.40	.40	.40
5222	11-16"	.40	.40	.40
5224	3-4"	.40	.40	.40

8-POINT CUB SOCKETS—3-8" CON.				
5114	7-16"	.35	----	----
5116	1-2"	.40	----	----
5118	9-16"	.40	----	----
5120	5-8"	.45	----	----
5246	Cub Screwdriver Socket	.60	----	----

12-POINT CUB UNIVERSAL SOCKETS				
5274	7-16"	1.40	----	----
5275	1-2"	1.40	1.40	----
5276	9-16"	1.50	1.50	----
5277	5-8"	1.50	----	----
5278	11-16"	1.65	----	----
5279	3-4"	1.75	----	----

CUB ATTACHMENTS—3-8" CON.				
5251	7" Ratchet	2.50	2.50	2.50
5260	3 1-2" Extension	.60	.60	.60
5261	8" Extension	.70	.70	.70
5263	18" Extension	1.25	1.25	1.25
5265	7 1-2" Hinge Handle	1.60	1.60	1.60
5270	Universal Joint	1.35	1.35	1.35
5280	18" Speed Handle	1.50	1.50	1.50

12-POINT SOCKETS—1-2" CON.				
5414	7-16"	.40	.40	.40
5416	1-2"	.40	.40	.40
5418	9-16"	.40	.40	.40
5419	19-32"	.40	.40	.40
5420	5-8"	.40	.40	.40
5421	21-32"	.45	.45	.45
5422	11-16"	.45	.45	.45
5424	3-4"	.45	.45	.45
5425	25-32"	.50	.50	.50
5426	13-16"	.50	.50	.50
5428	7-8"	.60	.60	.60
5430	15-16"	.60	.60	.60
5431	31-32"	.60	.60	.60
5432	1"	.60	.60	.60
5434	1 1-16"	.65	.65	.65

12-POINT EXTRA DEEP SOCKETS—1-2" CON.				
5340	1-2"	.65	----	----
5341	9-16"	.65	----	----
5343	5-8"	.70	----	----
5344	11-16"	.70	----	----
5345	3-4"	.70	.70	----
5346	25-32"	.70	----	----
5347	13-16"	.70	----	----
5348	7-8"	.70	.70	----
5349	15-16"	.80	----	----
5351	1"	.85	.85	----
5352	1 1-16"	.90	----	----
5353	1 1-8"	.95	.95	----

ATTACHMENTS—1-2" CONNECTIONS				
5469	Speed Hinge Handle	2.50	2.50	----
5470	Universal Joint	1.50	1.50	1.50
5480	18" Speed Handle	1.65	1.65	1.65
5466	9 1-2" Hinge Handle	1.95	1.95	----
5468	18" Hinge Handle	2.85	2.85	2.85
5451	Ratchet Handle with Plug	3.25	3.25	3.25
5461	5" Extension	.60	.60	.60
5463	10" Extension	.70	.70	.70
5444	3-4" Drag Link Screwdriver	.60	.60	----

12-POINT HEAVY DUTY SOCKETS—3-4" CON.				
5530	15-16"	.70	----	----
5532	1"	.75	----	----
5534	1 1-16"	.85	----	----
5536	1 1-8"	.95	.95	----
5540	1 1-4"	1.15	1.15	1.15
5544	1 2-8"	1.30	1.30	1.30
5546	1 7-16"	1.40	1.40	1.40
5548	1 1-2"	1.50	1.50	1.50
5550	1 9-16"	1.60	----	----
5552	1 5-8"	1.75	1.75	----
5556	1 3-4"	1.95	----	----
5558	1 13-16"	2.10	----	----
5560	1 7-8"	2.30	----	----
5564	2"	2.50	----	----
5568	2 1-8"	3.00	----	----

No.	Size	Set No. 9999C	Set No. 9999D	Set No. 9999E
HEAVY DUTY ATTACHMENTS—3-4" CON.				
5650	Ratchet Handle	6.25	----	----
5652	Plug for Ratchet	.60	----	----
5655	Sliding Bar Handle	2.00	2.00	2.00
5661	8" Extension	1.35	1.35	1.35
5663	16" Extension	1.70	1.70	1.70

15° BOX WRENCHES				
1120	5-16"x3-8"	.80	.80	----
1125	7-16"x1-2"	.90	.90	.90
1130	9-16"x5-8"	1.00	1.00	1.00
1135	11-16"x3-4"	1.30	1.30	1.30
1140	13-16"x7-8"	1.50	1.50	1.50
1145	15-16"x1"	1.70	1.70	----
1150	1 1-16"x1 1-8"	1.90	----	----

15° OPEN END WRENCHES				
3020	5-16"x3-8"	.40	.40	----
3025	7-16"x1-2"	.50	.50	.50
3030	9-16"x5-8"	.70	.70	.70
3035	11-16"x3-4"	.85	.85	.85
3040	13-16"x7-8"	1.10	1.10	----
3045	15-16"x1"	1.40	1.40	----

DOUBLE-END TAPPET WRENCHES				
3425	7-16"x1-2"	.60	.60	.60
3426	1-2"x9-16"	.65	.65	.65
3430	9-16"x5-8"	.75	.75	.75
3431	17-32"x5-8"	.80	.80	.80

IGNITION WRENCHES				
3210	13-64"x15-64" Open End Wrench	.35	.35	.35
3215	7-32"x1-4" Open End Wrench	.35	.35	.35
3220	9-32"x5-16" Open End Wrench	.40	.40	.40
3225	11-32"x3-8" Open End Wrench	.45	.45	.45
2039	Ignition Pliers	.90	.90	.90

SPECIAL TOOLS				
2040	Adj. Water Pump Pliers	1.50	1.50	1.50
2311	Ring Groove Cleaner	.75	.75	----
2037	Flexible Carbon Scraper	.50	.50	.50
2020	Packing Hook	.60	.60	----
4503	Stud Puller	1.90	----	----
1430	Brass Hammer	1.25	1.25	----

WHEEL KNOCKERS				
4410	5-8"—13 thread	.75	.75	.75
4415	3-4"—16 thread	.80	.80	.80
4420	7-8"—14 thread	.85	.85	.85
4425	1"—14 thread	.90	.90	.90

PUNCHES, CHISELS, ETC.				
47	1-4"x3-32" Rivet Punch	.25	.25	----
47	5-16"x1-8" Rivet Punch	.25	----	----
47	5-16"x5-32" Rivet Punch	.25	.25	----
47	3-8"x3-16" Rivet Punch	.30	.30	----
47	7-16"x7-32" Rivet Punch	.35	----	----
47	1-2"x1-4" Rivet Punch	.40	----	----
96	1-4"x3-32" Long Taper Drift P'ch	.40	----	----
96	5-16"x1-8" Long Taper Drift P'ch	.45	----	----
96	3-8"x3-16" Long Taper Drift P'ch	.50	.50	----
96	7-16"x7-32" Long Taper Drift P'ch	.55	----	----
96	1-2"x1-4" Long Taper Drift P'ch	.65	.65	----
96	5-8"x5-16" Long Taper Drift P'ch	.75	----	----
96	3-8"x4 3-4" Center Punch	.25	.25	----
86A	1-4"x9-32"—4 1-2" Cold Chisel	.20	----	----
86A	5-16"x3-8"—5" Cold Chisel	.25	----	----
86A	3-8"x7-16"—5 1-2" Cold Chisel	.30	----	----
86A	7-16"x1-2"—6" Cold Chisel	.35	.35	----
86A	1-2"x5-8"—7" Cold Chisel	.50	----	----
86A	5-8"x3-4"—8" Cold Chisel	.60	----	----
86A	3-4"x7-8"—8" Cold Chisel	.80	.80	----
30	3-4"x7-8"—12" Rivet Cutter	1.00	1.00	----
36	5-16"x5" O'set Screw Driver	.55	.55	----
2120	5-8"x18" Garage Bar	1.35	1.35	----

SCREW EXTRACTORS				
9521	1-8"x3-16"	.50	.50	----
9522	11-64"x1-4"	.60	.60	----
9523	7-32"x5-16"	.75	.75	----
9524	19-64"x3-8"	.85	.85	----
9525	11-32"x7-16"	.95	.95	----

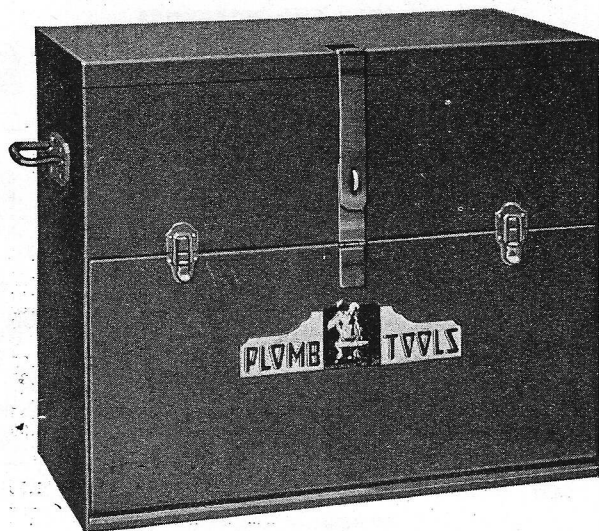
SCREW DRIVERS				
9702	2 1-2" Blade	.50	.50	.50
9704	4" Blade	.65	.65	.65
9706	6" Blade	.90	.90	.90
9708	8" Blade	1.10	1.10	1.10
9741	9" Slim Blade	.60	.60	.60
9999	"Master" Tool Chest	25.00	25.00	25.00
2099	Tote Tray	1.85	1.85	1.85
5497	Socket Rack	.75	.75	.75

No. 9999C Set, complete as listed	167.60
No. 9999D Set, complete as listed	121.85
No. 9999E Set, complete as listed	89.95

Plomb Hand-Forged Automotive and Aviation Tools

Plomb Metal Tool Boxes

Good tools deserve good boxes. Plomb tool boxes and trays provide a place to keep your complete outfit. They are made of heavy gauge sheet steel to withstand hard service and last for many years. They are handsomely finished and designed to fit the sets, and there is a type of box for every need. Protect your tool investment with Plomb boxes.



NO. 9999—PLOMB "MASTER" TOOL CHEST

A chest that in size, arrangement and strength fully meets the needs of the man with a large stock of tools. Mechanics are enthusiastic about this new chest and every salesman who pushes them is making many sales.

Made of extra heavy sheet steel, 18-gauge, welded and riveted; will retain rigidity and shape with a full load of tools. Sturdy, rounded-grip handles strongly reinforced. Finished in enduring enamel. Clips inside lid hold three speed handles.

Weight, without tools, 85 lbs. Outside dimensions: 24 $\frac{1}{8}$ " long, 12 $\frac{1}{8}$ " wide, 19 $\frac{1}{4}$ " high. Contains one large compartment and four drawers, with the following dimensions:

TOP COMPARTMENT: Space below lid is 8" deep, designed to hold a No. 2099 Tote Tray in which the tools most in use may be carried, and leaving additional room in which coveralls, cap, etc., may be locked up.

FIRST DRAWER: Top drawer is 1 $\frac{1}{4}$ " deep, 23 $\frac{3}{8}$ " long, 11 $\frac{1}{8}$ " wide. Single diagonal partition for small sockets with adjustable section for holding the sockets in position. Clips on the side of partition hold No. 5497 Socket Rack, for additional sockets if desired. Convenient for sockets and attachments with $\frac{3}{8}$ " and $\frac{1}{2}$ " connections.

SECOND DRAWER: 1 $\frac{1}{4}$ " deep, 23 $\frac{3}{8}$ " long, 11 $\frac{1}{8}$ " wide. Five adjustable partitions, running lengthwise, can be arranged for sockets, long handles, wrenches, etc.

THIRD DRAWER: 2 $\frac{1}{2}$ " deep, 23 $\frac{3}{8}$ " long, 11 $\frac{1}{8}$ " wide. Ten adjustable partitions divide the drawer crosswise. Especially convenient for open-end wrenches and all short tools, and partitions may be arranged to fit tools of varying width.

FOURTH DRAWER: 3 $\frac{3}{8}$ " deep, 23 $\frac{3}{8}$ " long, 11 $\frac{1}{8}$ " wide. Especially adapted for heavy-duty tools which belong at bottom of chest. Fitted with two removable partitions, running lengthwise, for heavy-duty sockets, handles, and other large tools.

When box is opened, front slides down out of the way, underneath bottom drawer. When closed, front completely covers drawers, hasp of both the top and front locking over the same staple. Thus the box is locked with one padlock, making it completely tamper-proof.

The Plomb "Master Mechanic" Tool Chest includes all the very latest tool chest ideas.

No. 9999—"Master" Tool Chest, complete with all drawers; price.....\$25.00

No. 9999A—"Master" Tool Chest, complete with all drawers, No. 2099 Tote Tray, and No. 5497 Socket Rack. Price..... 27.60

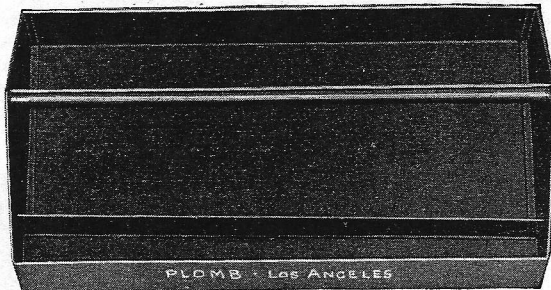


NO. 5497—HANDY SOCKET RACK

This socket rack is 19" long, and fits in practically any box of that length or longer. It clips on the side and sockets with $\frac{1}{2}$ " connections fit firmly over the clips. Also handy for attaching to side of tote tray, or can be put on wall or bench. Made of strong sheet steel, enameled.

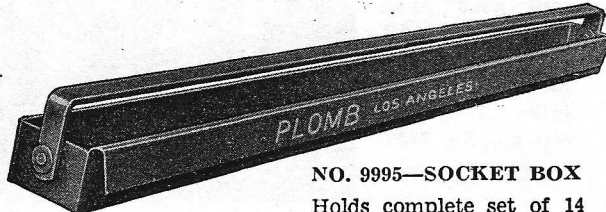
No. 5497—For sockets with $\frac{1}{2}$ " connections.....\$.75

No. 5297—Cub socket rack; holds 17 sockets with $\frac{3}{8}$ " square connections, 18 $\frac{5}{8}$ " long..... .75



NO. 2099—HANDY TOOL TRAY

10" wide, 19" long, 7" deep under handle. Side compartment 1" deep, 1 $\frac{3}{4}$ " wide, 19" long, handy for small tools, cotter keys, lock washers, shims, etc. Weight in carton, 6 $\frac{3}{4}$ lbs. Price\$1.85



NO. 9995—SOCKET BOX

Holds complete set of 14

No. 5400 Sockets. Hooks on work bench or on inside or outside of No. 2099 Tool Tray; instantly removable. Makes it easy to check up on sockets. Hinged handle turns up over sockets, holding them firmly in place.

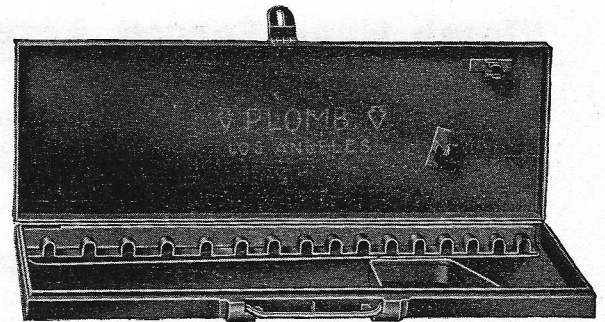
Price\$.75



NO. 5495—STANDARD TOOL BOX

Made of heavy gauge sheet steel, handsomely and permanently enameled. 6 $\frac{1}{2}$ " wide, 19 $\frac{1}{2}$ " long, 1 $\frac{3}{4}$ " deep.

Price\$1.75

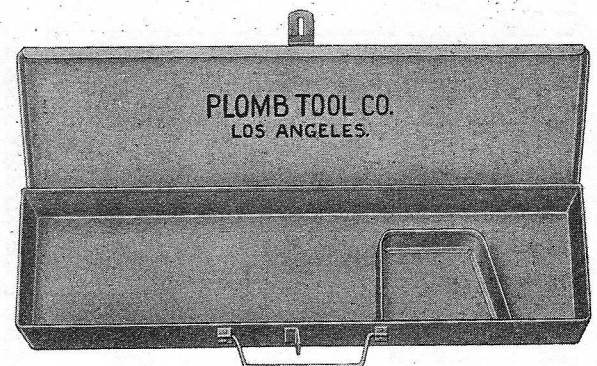


NO. 5496—STANDARD TOOL BOX

With Socket Rack

Same box at No. 5495, but equipped with No. 5497 removable socket rack, which clips on inside as shown.

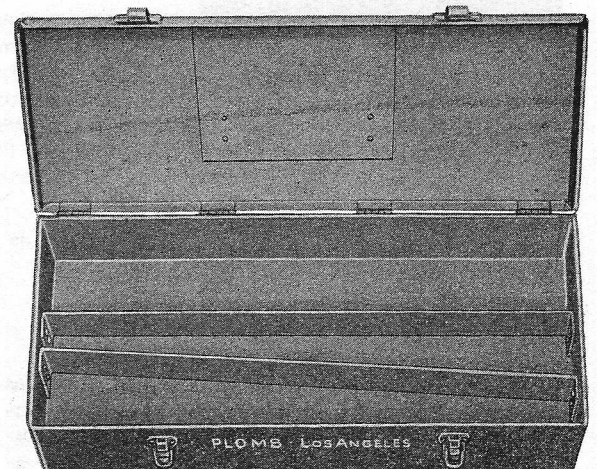
Price, complete\$2.50



NO. 5295—SMALL SOCKET SET BOX

18 $\frac{3}{4}$ " long, 4 $\frac{5}{8}$ " wide, $\frac{1}{2}$ " deep. Fits the No. 5200 Cub set, the 5400K and 5400L $\frac{1}{2}$ " sets. Handy for holding an assortment of tools for trouble-shooting. Made of heavy sheet steel, enameled.

Price\$1.00

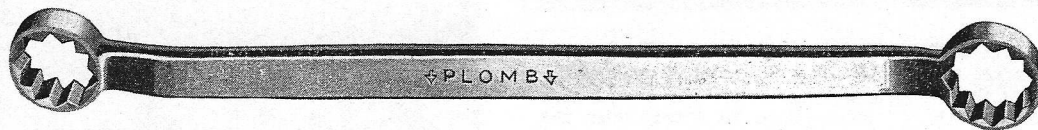


NO. 5695 HEAVY DUTY TOOL BOX

This is the box furnished with Plomb Heavy Duty Socket Sets. Plenty of room for all sockets and attachments. Locks with two spring clasps; lid reinforced and handle folds flush into recess.

Price.....\$2.95

Plomb Hand-Forged Automotive and Aviation Tools

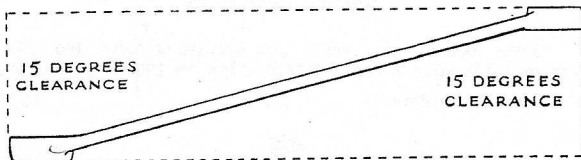


Plomb Hand-Forged 15° Box Wrenches

No finer tools are made than Plomb Box Wrenches. They are beautifully balanced, light in weight, with exceptionally thin-walled openings. Yet because of hand-forged quality, they have the rugged strength to

strip the threads on any bolt without breaking. The natural polished finish reveals the quality of the steel; there's no plating to hide defects or flaws. Each wrench is individually heat-treated to bring out the maximum toughness of the fine molybdenum steel.

15° angle gives ample knuckle clearance and a direct, powerful pull on the nut. Unlike a 90° offset box wrench, there is no tendency to tip and slip off nut when force is applied. Furthermore either side of the wrench may be used, which is not possible with a 90° offset box wrench.



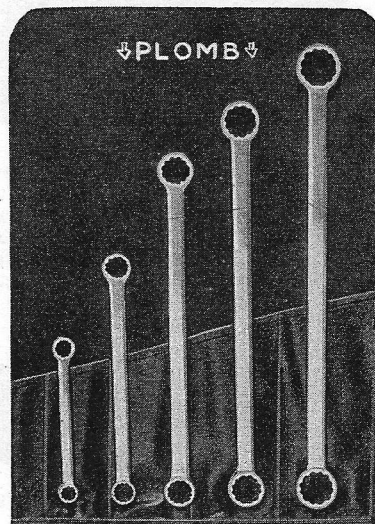
No.	Old No.	Openings	Length	Price
1120	AD56	$\frac{5}{16} \times \frac{3}{8}$	4"	\$.80
1122	.....	$\frac{3}{8} \times \frac{1}{2}$	4½"	.85
1125	AD78	$\frac{7}{16} \times \frac{1}{2}$	6"	.90
1126	AD89	$\frac{1}{2} \times \frac{9}{16}$	7"	.95
1130	AD910	$\frac{9}{16} \times \frac{5}{8}$	8"	1.00
1131	AD1012	$\frac{5}{8} \times \frac{3}{4}$	10"	1.10
1132	Spec. for Chev.	$\frac{5}{8} \times \frac{3}{4}$	16"	1.75
1135	AD1112	$\frac{11}{16} \times \frac{3}{4}$	10"	1.30
1140	AD1314	$\frac{13}{16} \times \frac{7}{8}$	12"	1.50
1145	AD1516	$\frac{15}{16} \times 1$	14"	1.70
1147	.....	$\frac{15}{16} \times 1\frac{1}{16}$	16"	2.00
1150	AD1718	$1\frac{1}{16} \times 1\frac{1}{8}$	16"	1.90
1160	AD2022	$1\frac{1}{4} \times 1\frac{3}{8}$	18½"	2.35
1162	AD2324	$1\frac{7}{16} \times 1\frac{1}{2}$	20¾"	2.95

No. 1100E—12-wrench set, all wrenches listed except Nos. 1122 and 1132. In Kit, No. 2406.....\$18.90

NO. 1100D— 5-PIECE SET

This 5-piece box wrench set provides all openings from $\frac{7}{16}$ " to 1", inclusive, without duplication of sizes. Includes Nos. 1125, 1130, 1135, 1140, and 1145 (Old Nos. AD78, AD910, AD1112, AD1314, and AD1516)—in leatherette kit. No. 2405.

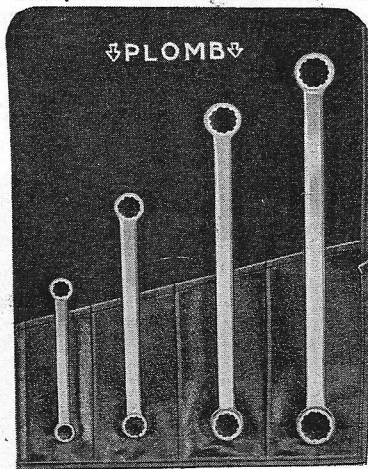
Price.....\$6.75



NO. 1100A— 4-PIECE SET (Old No. ADA)

Contains the four wrenches used most in automotive work. Includes Nos. 1125, 1130, 1135 and 1140—in leatherette kit. No. 2405.

Price.....\$5.05

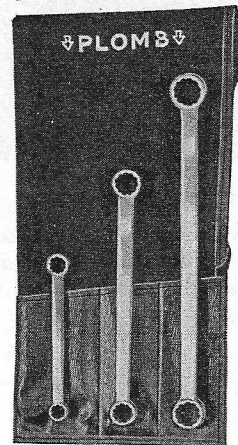


NO. 1100F—FORD BOX WRENCH SET

The three box wrenches listed below provide all openings from $\frac{7}{16}$ " to $\frac{3}{4}$ ", inclusive, by 16ths, without duplication, which fit most of the nuts on Ford cars and trucks. An excellent utility box wrench set at low cost. Includes box wrenches Nos.

1125 $\frac{7}{16} \times \frac{1}{2}$ ", 1130 $\frac{9}{16} \times \frac{5}{8}$ " and 1135 $1\frac{1}{16} \times \frac{3}{4}$ " (Old Nos. AD78, AD910, and AD1112).

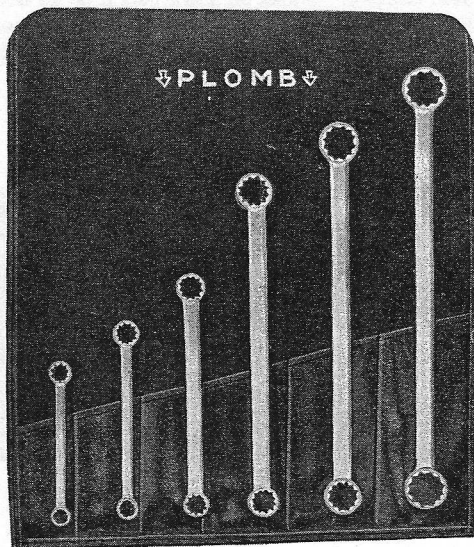
No. 1100F — Set of three wrenches in leatherette kit No. 2405.....\$3.55

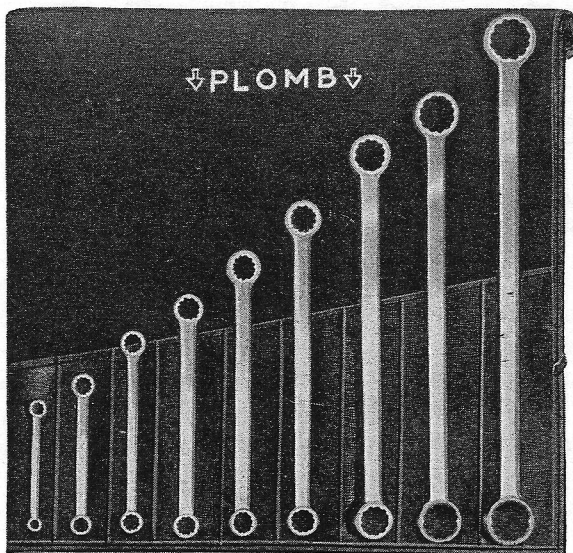


NO. 1100B—6-PIECE SET (Old No. ADB)

Six wrenches that give the mechanic ten different sizes of openings to take care of the majority of nuts from $\frac{7}{16}$ " to 1". Includes Nos. 1125, 1126, 1130, 1135, 1140, and 1145, in leatherette kit. No. 2405.

Price\$7.70





NO. 1100C—9-PIECE SET
(Old No. ADC)

A very complete set, including Nos. 1120, 1125, 1126, 1130, 1131, 1135, 1140, 1145 and 1150. 9 wrenches in leatherette kit. No. 2406.

Price\$11.60

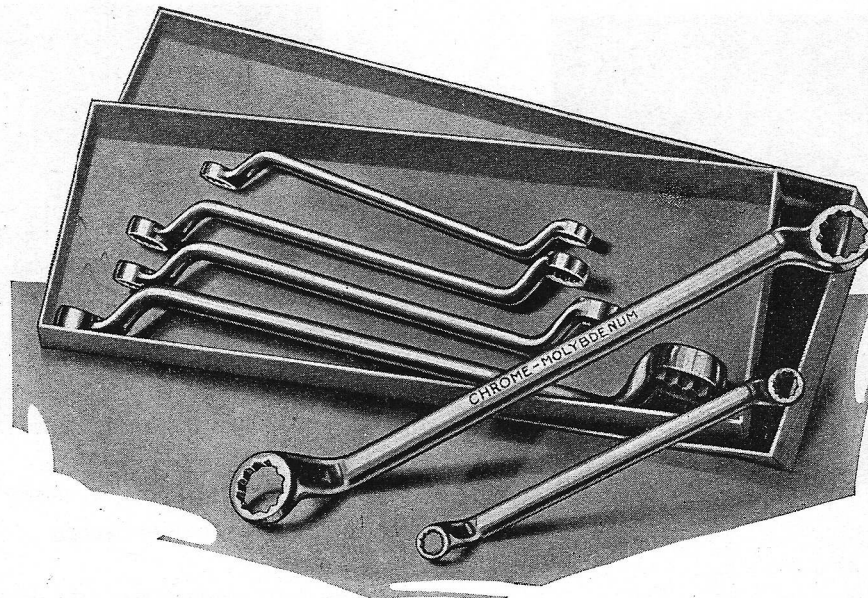
NO. 1100G—9-PIECE SET
With no Duplication of Openings

These nine wrenches provide every size opening in the set from $\frac{5}{16}$ " to $1\frac{1}{2}$ ", inclusive, without duplication. Includes Nos. 1120, 1125, 1130, 1135, 1140, 1145, 1150, 1160, and 1162—in leatherette kit. No. 2406.

Price\$14.85

The sets of box and open-end wrenches shown are only suggestions. Most mechanics prefer to make up their own sets. Well-made leatherette kits shown on page 4.

Wilpen Chrome Molybdenum Box Wrenches



Low Price A Large Volume Seller

Here are the box wrenches that meet the present demand for quality at low price. They are light, strong and beautifully finished. The complete set of six wrenches sells to the mechanic at a price little higher than a single $\frac{1}{8}$ "x1" wrench previously cost. At this price, every mechanic can afford to own a set of WILPEN Box wrenches.

WILPEN Box Wrenches are drop-forged from high-quality Chrome Molybdenum steel. They are extra-long, yet light in weight, with thin-walled 12-point openings. Each wrench is scientifically heat-treated. Full CHROMIUM PLATING gives a beautiful silky finish to the oval handle and brilliant, enduring lustre to the buffed heads.

This set includes all sizes of openings from $\frac{3}{8}$ " to 1", inclusive, by 16ths, with addition of $\frac{3}{32}$ " opening. There is no duplication of any size opening.

DESCRIPTION OF WILPEN BOX WRENCHES

Wrench Number	U.S.S. Bolt Size	Hex. Head Cap Screw	S.A.E. Standard Screw and Nut	Openings	Length	Price to Car Owners	Mechanic's Net Price
8180		$\frac{3}{16}$ & $\frac{1}{4}$	$\frac{3}{16}$ & $\frac{1}{4}$	$\frac{3}{8}$ & $\frac{7}{8}$	7 $\frac{3}{4}$	.70	.42
8181	$\frac{3}{16}$ &	$\frac{5}{16}$ & $\frac{3}{8}$	$\frac{1}{2}$ & $\frac{3}{8}$	8 $\frac{3}{4}$	.73	.44	
8182	& $\frac{3}{8}$	$\frac{7}{16}$ &	$\frac{7}{16}$ &	$\frac{5}{8}$ & $\frac{1}{2}$	10	.78	.47
8183	& $\frac{7}{16}$	$\frac{1}{2}$ &	$\frac{1}{2}$ &	$\frac{3}{4}$ & $\frac{3}{8}$	11	.83	.50
8184	& $\frac{1}{2}$	$\frac{9}{16}$ & $\frac{5}{8}$	& $\frac{9}{16}$	$\frac{13}{16}$ & $\frac{7}{8}$	13	.88	.53
8185		& $\frac{3}{4}$	$\frac{3}{8}$ & $\frac{1}{2}$	$\frac{13}{16}$ & 1	14	1.05	.63

8100B Set—Weight per set 3 $\frac{1}{2}$ pounds. Set in box.....\$4.97 \$2.99

Plomb Hand-Forged Automotive and Aviation Tools

Plomb Extra Thin Tappet Wrenches

Reduce Number of Wrenches Needed—Give
New Ease and Speed

Note particularly the sizes of openings on these different wrenches. They are arranged just right for easy working, yet there is less duplication of sizes than in other tappet sets. You can do all tappet work with fewer wrenches, if your tappet wrenches are Plomb.

These wrenches are long to make it easy to work

on a hot motor. Thin so lock nut will not screw down on heads, but, despite slender appearance, they're tremendously strong. Openings graduated by 16ths from $\frac{1}{16}$ " to $\frac{7}{8}$ ", with addition of $\frac{11}{16}$ " opening for Overlands and Studebakers. The two larger wrenches are also useful for brake adjustments.



NO. 3400C—6-PIECE TAPPET SET
(Old No. V3)

No.	Old No.	Openings	Price	No.	Old No.	Openings	Price
3425	V78	$\frac{7}{16} \times \frac{1}{2}$	\$.60	3431	V8510	$\frac{11}{16} \times \frac{3}{8}$	\$.80
3426	V89	$\frac{1}{2} \times \frac{1}{8}$	.65	3435	V1112	$\frac{1}{8} \times \frac{3}{4}$	.85
3430	V910	$\frac{9}{16} \times \frac{5}{8}$	.75	3440	V1314	$\frac{1}{8} \times \frac{7}{8}$	.95

This is the complete tappet wrench set, which takes care of tappet adjustments on all cars, including $\frac{11}{16}$ " size for older models of Studebaker and Overland. With this set, you are equipped with all tappet wrenches you will ever need. In leatherette Kit No. 2405.

Price\$4.95



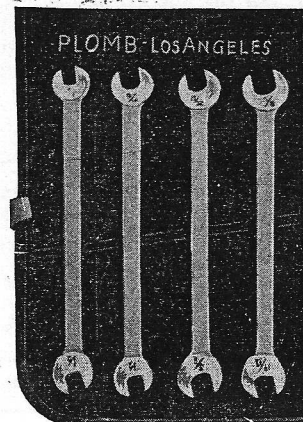
NO. 3400B—5-PIECE TAPPET SET
(Old No. V2)

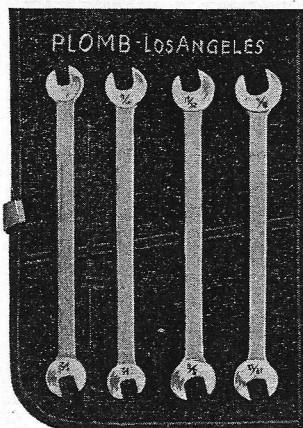
These five wrenches—Nos. 3425, 3426, 3430, 3431, 3435—provide seven different sizes of openings, of the sizes most used. In kit No. 2405. Price.....\$4.00

NO. 3400A—4-PIECE TAPPET SET

(Old No. V-1). Consists of Nos. 3425, 3526, 3430, and 3431. These four wrenches take care of the majority of tappets, providing six different sizes of openings. In kit No. 2408.

Price.....\$3.00





NO. 3400D—4-PIECE

TAPPET SET

A new set consisting of Wrenches Nos 3425, 3426, 3430, and 3435. Provides six of the sizes most generally used. In Leatherette Kit No.

2408.

Price\$3.05



NO. 9752—OVERHEAD TAPPET
SCREWDRIVER

A powerful little screwdriver, with $\frac{3}{8}$ " blade and 6" overall length, which is especially useful for adjusting overhead tappets.

Price\$.85.

Use "1100 Series" Box Wrenches with 9752 Tappet Screw Driver for overhead valves.

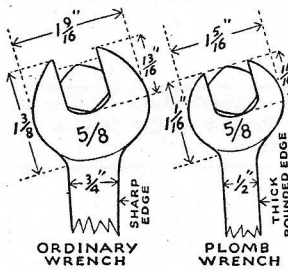
Tappet Wrench Data

Make of Car	1931 Model	Wrenches Required						1932 Model	Wrenches Required						1933 Model	Wrenches Required					
		No.	Opening	No.	Opening	No.	Opening		No.	Opening	No.	Opening	No.	Opening		No.	Opening	No.	Opening	No.	Opening
Auburn.....	All	1	$\frac{1}{2}$	1	$\frac{5}{16}$	1	$\frac{5}{8}$	8-100	1	$\frac{1}{2}$	1	$\frac{5}{16}$	1	$\frac{5}{8}$	8-100	1	$\frac{1}{2}$	1	$\frac{5}{16}$	1	$\frac{5}{8}$
								12-160	1	$\frac{1}{2}$	Box		1	$\frac{1}{2}$	12-160	1	$\frac{1}{2}$	Box		1	$\frac{1}{2}$
Austin.....	All	1	$\frac{1}{2}$					All	1	$\frac{1}{2}$					All	1	$\frac{1}{2}$				
Buick.....	All	1	$\frac{5}{16}$					All	1	$\frac{5}{16}$					All	1	$\frac{5}{16}$				
Cadillac....	All	1	$\frac{5}{16}$					All	1	$\frac{5}{16}$					All	1	$\frac{5}{16}$				
Chevrolet..	All	1	$\frac{5}{8}$					All	1	$\frac{5}{8}$					All	1	$\frac{5}{8}$				
Chrysler....	6, 6-70	2	$\frac{1}{2}$					6	2	$\frac{1}{2}$					6	2	$\frac{1}{2}$				
								Royal 8	2	$\frac{1}{2}$					Royal 8	2	$\frac{1}{2}$				
	Imp. 8	2	$\frac{1}{2}$	1	$\frac{5}{8}$			Imp. 8	2	$\frac{1}{2}$	1	$\frac{5}{8}$			Imp. 8	2	$\frac{1}{2}$	1	$\frac{5}{8}$		
Cord.....	All	1	$\frac{1}{2}$	1	$\frac{5}{16}$	1	$\frac{5}{8}$														
De Soto....	6	2	$\frac{1}{2}$					6	2	$\frac{1}{2}$					6	2	$\frac{1}{2}$				
Dodge.....	All	2	$\frac{1}{2}$					All	2	$\frac{1}{2}$					All	2	$\frac{1}{2}$				
Essex.....	All	2	$\frac{1}{2}$					All	2	$\frac{1}{2}$					All	2	$\frac{1}{2}$				
Franklin....	All	1	$\frac{5}{16}$					All	1	$\frac{5}{16}$					All	1	$\frac{5}{16}$				
Graham....	All	1	$\frac{1}{2}$	2	$\frac{5}{16}$			All	1	$\frac{1}{2}$	2	$\frac{5}{16}$			All	1	$\frac{1}{2}$	2	$\frac{5}{16}$		
Hudson....	All	2	$\frac{1}{2}$					All	2	$\frac{1}{2}$					All	2	$\frac{1}{2}$				
Hupmobile..	6	2	$\frac{21}{32}$	2	$\frac{3}{4}$			216-6	1	$\frac{21}{32}$	2	$\frac{3}{4}$			K	1	$\frac{1}{2}$	2	$\frac{5}{8}$		
	8	2	$\frac{1}{2}$					All	2	$\frac{1}{2}$					All	2	$\frac{1}{2}$				
LaSalle....	All	1	$\frac{5}{16}$					All	1	$\frac{5}{16}$					All	1	$\frac{5}{16}$				
Lincoln....	All	2	$\frac{1}{2}$					All	2	$\frac{1}{2}$					All	2	$\frac{1}{2}$				
Nash.....	6, Sm. 8	2	$\frac{5}{16}$	1	$\frac{5}{8}$			6, Std. 8	2	$\frac{5}{16}$	1	$\frac{5}{8}$			6, Std. 8	2	$\frac{5}{16}$	1	$\frac{5}{8}$		
	Other 8's	1	$\frac{5}{16}$					Other 8's	3	$\frac{5}{16}$					Other 8's	3	$\frac{5}{16}$				
Oakland....	All	1	$\frac{3}{8}$	1	$\frac{1}{2}$																
Oldsmobile..	All	1	$\frac{1}{2}$	2	$\frac{5}{16}$			All	1	$\frac{1}{2}$	2	$\frac{5}{16}$			All	1	$\frac{1}{2}$	2	$\frac{5}{16}$		
Packard....	All	2	$\frac{5}{16}$					All	2	$\frac{5}{16}$					All	2	$\frac{5}{16}$				
Peerless....	All	2	$\frac{1}{2}$	1	$\frac{11}{16}$			All	2	$\frac{1}{2}$	1	$\frac{11}{16}$			All	2	$\frac{1}{2}$	1	$\frac{11}{16}$		
Pierce-Arrow	All	2	$\frac{1}{2}$	1	$\frac{11}{16}$			All	2	$\frac{5}{16}$	1	$\frac{11}{16}$			All	Self Adjusting					
Plymouth...	All	2	$\frac{1}{2}$					All	2	$\frac{1}{2}$					All	2	$\frac{1}{2}$				
Pontiac....	All	1	$\frac{5}{16}$	2	$\frac{1}{2}$			All	1	$\frac{5}{16}$	2	$\frac{1}{2}$			All	1	$\frac{5}{16}$	2	$\frac{1}{2}$		
Reo.....	Sm. 8	1	$\frac{1}{2}$	2	$\frac{11}{16}$			All	1	$\frac{5}{16}$	2	$\frac{1}{2}$			All	1	$\frac{5}{16}$	2	$\frac{1}{2}$		
	6, Big 8	1	$\frac{5}{16}$	2	$\frac{1}{2}$																
Rockne....								All	1	$\frac{5}{16}$	2	$\frac{1}{2}$			All	1	$\frac{5}{16}$	2	$\frac{1}{2}$		
Studebaker..	All	2	$\frac{1}{2}$	1	$\frac{11}{16}$			All	2	$\frac{1}{2}$	1	$\frac{11}{16}$			All	2	$\frac{1}{2}$	1	$\frac{11}{16}$		
Willys.....	All	2	$\frac{5}{16}$	1	$\frac{1}{2}$			All	2	$\frac{5}{16}$	1	$\frac{1}{2}$			All	2	$\frac{5}{16}$	1	$\frac{1}{2}$		

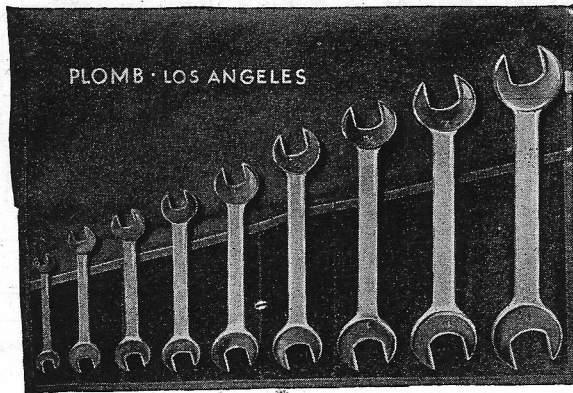
Plomb Hand-Forged Automotive and Aviation Tools

Plomb 15° Open End Wrenches

Turn More Nuts Than Any Other Design



Small drawing shows noticeable differences between $\frac{5}{8}$ " Plomb Open-End Wrench and others with same opening. Jaws at points are same width. Note how Plomb head fits nut, so points do not extend beyond. Other wrench is $\frac{1}{8}$ " too deep, so points extend beyond nut, which may cause interference. Plomb head is $\frac{1}{4}$ " narrower at widest part. Differences still greater on larger sizes. Forged from round bar stock, heat-treated to give enormous strength. Thick rounded handles easy on hands. Highly polished. Sold separately or in sets.



NO. 3000D—9-PIECE WRENCH SET

This set of 9 wrenches provides 15 different sizes of openings, arranged for performing all operations with open-end wrenches most conveniently. Includes Nos. 3020, 3025, 3026, 3030, 3032, 3035, 3040, 3045, 3050, and X1920. In Leatherette Kit No. 2406.

Price\$9.50

NO. 3000E—10-PIECE SET

In addition to the sizes in the 3000D set, this set includes the 19/32 and 25/32 sizes. Wrenches No. 3020, 3025, 3026, 3030, 3032, 3035, 3040, 3045, 3050, and X1920. In Leatherette Kit No. 2406.

Price\$10.30



NO. 3000A—5-PIECE WRENCH SET

These five wrenches provide the sizes of openings most used, consisting of $\frac{7}{16}$ ", $\frac{1}{2}$ ", $\frac{9}{16}$ ", $\frac{5}{8}$ ", $\frac{11}{16}$ ", $\frac{3}{4}$ ", $\frac{13}{16}$ ", $\frac{7}{8}$ ", $\frac{15}{16}$ ", and 1". Wrenches Nos. 3025, 3030, 3035, 3040, and 3045, in kit No. 2405.

Price.....\$4.90

No.	Milled Open-ings	S.A.E. Cap Screw & Nut	Hex Cap Screw	U.S.S. Bolt Nut	Length Inches	Head Thickness	Price Each
		Screw Dia.	Screw Dia.	Screw Dia.			
3020	$\frac{5}{16}$ - $\frac{3}{8}$		$\frac{1}{8}$ - $\frac{3}{16}$	$\frac{1}{8}$ -	4	$\frac{3}{16}$	\$.40
3021	$\frac{3}{8}$ - $\frac{7}{16}$	$\frac{1}{4}$ -	$\frac{1}{8}$ - $\frac{1}{4}$		5	$\frac{7}{32}$	.45
3025	$\frac{7}{16}$ - $\frac{1}{2}$	$\frac{1}{4}$ - $\frac{5}{16}$	$\frac{1}{4}$ - $\frac{5}{16}$	$-\frac{1}{4}$	5	$\frac{1}{4}$	.50
3026	$\frac{1}{2}$ - $\frac{9}{16}$	$\frac{5}{16}$ - $\frac{3}{8}$	$\frac{5}{16}$ - $\frac{3}{8}$	$\frac{1}{4}$ -	5 $\frac{1}{2}$	$\frac{1}{4}$	.60
3030	$\frac{9}{16}$ - $\frac{5}{8}$	$\frac{3}{8}$ - $\frac{7}{16}$	$\frac{3}{8}$ - $\frac{7}{16}$		6 $\frac{1}{4}$	$\frac{9}{32}$	.70
3032	$\frac{19}{32}$ - $\frac{25}{32}$			$\frac{5}{16}$ - $\frac{7}{16}$	7 $\frac{1}{8}$	$\frac{5}{16}$	.80
3035	$\frac{11}{16}$ - $\frac{3}{4}$	$-\frac{1}{2}$	$-\frac{1}{2}$	$\frac{3}{8}$ -	8	$\frac{5}{16}$	.85
3038	$\frac{3}{4}$ - $\frac{7}{8}$	$\frac{1}{2}$ - $\frac{9}{16}$	$\frac{1}{2}$ - $\frac{5}{8}$	$-\frac{1}{2}$	15	$\frac{11}{32}$	2.00
3039	$\frac{3}{4}$ - $\frac{7}{8}$	$\frac{1}{2}$ - $\frac{9}{16}$	$\frac{1}{2}$ - $\frac{5}{8}$	$-\frac{1}{2}$	9	$\frac{11}{32}$	1.00
3040	$\frac{13}{16}$ - $\frac{7}{8}$	$\frac{9}{16}$	$\frac{9}{16}$ - $\frac{5}{8}$	$-\frac{1}{2}$	9 $\frac{1}{8}$	$\frac{11}{32}$	1.10
3045	$\frac{15}{16}$ -1	$\frac{5}{8}$ - $\frac{11}{16}$	$-\frac{3}{4}$		10 $\frac{5}{16}$	$\frac{3}{8}$	1.40
3046	$\frac{15}{16}$ -1 $\frac{1}{16}$	$\frac{5}{8}$ - $\frac{3}{4}$		$\frac{5}{8}$ -	16	$\frac{13}{32}$	2.25
3048	1-1 $\frac{1}{8}$	$\frac{11}{16}$ -	$\frac{3}{4}$ - $\frac{7}{8}$		16	$\frac{13}{32}$	2.75
3050	$\frac{11}{16}$ - $\frac{11}{8}$	$\frac{3}{4}$ -	$\frac{7}{8}$ -	$\frac{3}{8}$ -	11 $\frac{3}{4}$	$\frac{13}{32}$	1.75
X1920	$\frac{13}{16}$ -1 $\frac{1}{4}$	$-\frac{7}{8}$	-1	$-\frac{3}{4}$	11	$\frac{7}{16}$	1.75

No. 3000F Set—12 Wrenches. Includes all except 3038, 3046, 3048. In leatherette kit No. 2406.

Price.....\$11.75



NO. 3000C—8-PIECE WRENCH SET

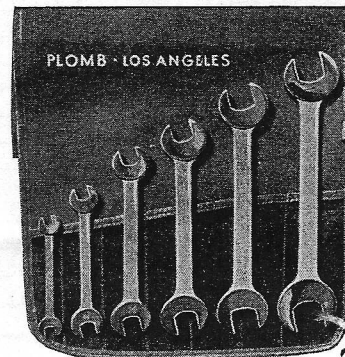
A very complete set, including Wrenches Nos. 3020, 3025, 3030, 3035, 3040, 3045, 3050, and X1920, in kit. No. 2406.

Price.....\$8.90

NO. 3000B—6-PIECE WRENCH SET

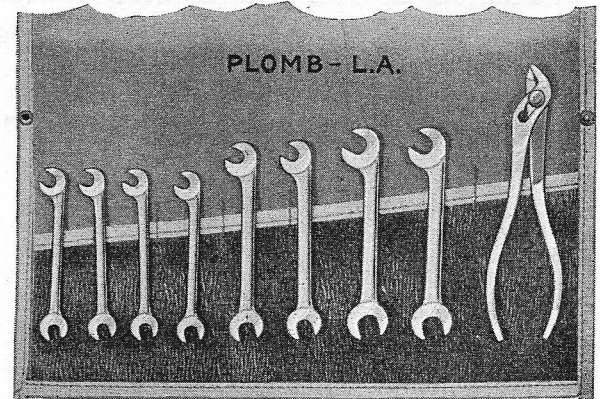
In addition to the five wrenches in the No. 3000A set, with all openings from $\frac{7}{16}$ " to 1", by 16ths, this set includes Wrench No. 3020, with $\frac{5}{16}$ " and $\frac{3}{8}$ " openings. Wrenches Nos. 3020, 3025, 3030, 3035, 3040, and 3045, in kit No. 2405.

Price.....\$5.30



Plomb Ignition Wrenches

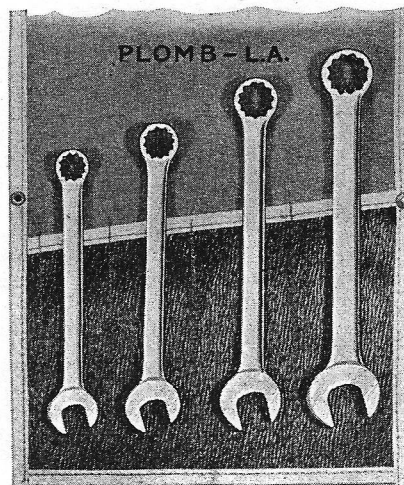
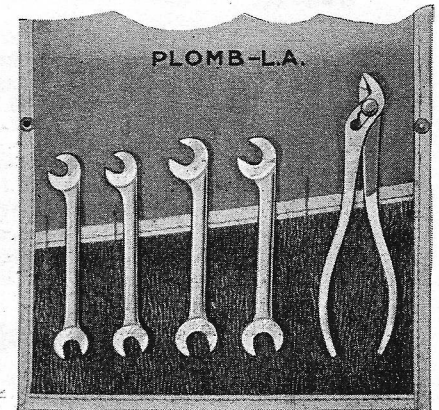
Something new in economics—and wrenches. Here we have two different size openings on the same wrench. One is set at an angle of 15°, the other at 60°. And since the same size openings are not on the same wrench, where two openings of the same size are needed on one job, the owner of these tools doesn't need to buy, borrow or steal another wrench. For further economy, the small set will enable him to "get by." These are used on generators, starting motors, magnetos, ignition systems, carburetors, radios, etc. They are light, strong, scientifically designed—and forged, not punched, from chrome molybdenum steel.



SPECIFICATIONS ON IGNITION WRENCHES AND PLIERS

No.	System	Opening Size		Length	Price
		15° End	60° End		
3210	Auto-Lite.....	13/64	15/64	3"	\$.35
3211	Bosch.....	15/64	13/64	3"	.35
3215	Delco.....	7/32	1/4	3"	.35
3216	Remy.....	1/4	5/32	3"	.35
3220	Eisemann.....	3/32	1/8	3 1/2"	.40
3221	Remy.....	1/8	3/32	3 1/2"	.40
3225	German Bosch.....	11/32	3/8	3 3/4"	.45
3226	General.....	3/8	11/32	3 3/4"	.45

- 2039 Pliers—Strong yet small and thin enough to reach most awkwardly placed nuts on distributors, starting motors, ignition, etc. \$.90
- 3200A SET—4 Wrenches, 3210, 3215, 3220, 3225, in Kit No. 2411..... 1.70
- 3200B SET—Same as 3200A, including 2039 Pliers, in Kit No. 2411 2.60
- 3200C SET—8 Wrenches as listed above, in Kit No. 2410..... 3.30
- 3200D SET—8 Wrenches as in 3200C, including 2039 Pliers, in Kit No. 2410..... 4.20



1200A SET

Consists of 4 Wrenches, Nos. 1214, 1216, 1218,

1220, in leatherette Kit No. 2409.....\$3.45

Combination Open-End and Box Wrench

A convenient combination—an "open-end" and "box" wrench of the same size, combined in the same tool.

Saves changing wrenches, trips to the bench and groping through tool boxes. The box end is used for "clinching" or "breaking" and the open end for speed.

Priced less than a box wrench, and only slightly higher than an open-end wrench. Both ends have the same size openings. The open-end wrench has the standard 15° angle. The box wrench is offset 15° allowing proper knuckle clearance.

These four sizes are used on 90 per cent of motor, carburetor, manifold, clutch and universal work. The wrench is beautifully made, with full polish finish, and individually heat-treated to bring out the inherent toughness of the molybdenum steel.

No.	Open- ing	S.A.E.	U.S.S. Nuts	U.S.S. Cap Screws	American Standard		Price
					Nuts	Cap Screws	
1214	1/8	1/4	.....	1/4	1/4	1/4	\$.75
1216	1/2	5/16	1/4	5/16	.....	5/16	.80
1218	3/8	3/8	.....	3/8	5/8	3/8	.85
1220	5/8	1/2	.....	1/2	3/4	1/2	.90
1224	3/4	1 1/2	.....	1 1/2	1 1/4	1 1/2	1.00

1200B Set of Five Wrenches, complete as listed in Kit No. 2409.....\$4.45

Plomb Hand-Forged Automotive and Aviation Tools

Special Ford Tools for Models A, B and New V8

More than twenty million Fords have been manufactured. Year after year Ford makes forty per cent or more of all cars manufactured. Many thousands more are going on the road every month.

For these reasons, Ford service is a big item in

every general shop, as well as in the thousands of specialized Ford service shops throughout the country.

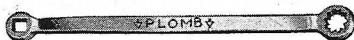
The tools in this section have been designed for Model A cars, the new Model B Fours, and the new V8, as indicated in description.



NO. 6501 CAM GEAR WRENCH
1 1/4" opening.

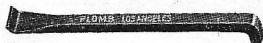
Hand-forged with correct offset to tighten cam shaft gear nut without removing radiator, generator, hose connections, or timing gear cover. (Old No. F1).\$1.50

NO. 6502 BRAKE WRENCH



Old No. F2. A hand-forged, double-end, offset 8-point box wrench with strength to loosen rusted and frozen brake adjustments. 7/16" square opening for Model A, Model B Four, and Model 18 V8 cars; 1/2" 8-point opening for Ford trucks.\$1.25

NO. 6503 DIFFERENTIAL DRAIN PLUG WRENCH



A hand-forged wrench that fits both slotted and square type plugs. Also useful for Houdaille Shock Absorbers and tie rod adjustments. Old No. F3.\$.75

NO. 6504 CARBURETOR JET WRENCH



Old No. F4. Saves time removing and installing jets. Protects the soft nuts. 9/32" and 5/16" openings to fit both jets on Model A; 7/16" end fits the high speed jet on new Model B Four carburetor. For low speed jet on new Four, use 3/8" box wrench (Plomb No. 1120.) No. 6504, price\$1.00



NO. 6505 MODEL A AND B WRIST PIN TOOL

Old No. F5. Makes simple, easy job of inserting Models A and B wrist pins, by the method of heating pistons to expand hole. Pin is put on tool, pilot and pin inserted, and knurled nut drawn up snug by turning with fingers. Pin is then driven to center with hammer or by striking tool on block. To remove pin, reverse operation and drive on pilot end.

Finest quality steel, properly heat treated. Length, 10 1/4"; weight, 1 lb., 7 oz.
Price, complete\$1.75



VALVE GUIDE PUNCHES

No. 6507 (Old No. F7)—Enables you to knock out split valve guides of Models A and B, easily, quickly, saving labor and time on this frequent operation.\$1.00

No. 6521—Valve guide punch for Model V8 Ford, price\$1.00



Lifts valves simply, efficiently, without removing carburetor. 16" length gives plenty of leverage.

Price\$1.50

NO. 6508 VALVE LIFTER



NO. 6510 CARBURETOR WRENCH

Old No. F10. 13/32" end fits adjusting needle housing on late '29, '30 and '31 models; 7/16" end for 1928 and early '29 models and also fits steering shaft lower bearing assembly and steering gear housing cover. 12-point openings. This wrench also useful on V8 manual spark advance, and for removing distributor assembly, etc. Price\$.90

NO. 6511 SPINDLE BOLT GUIDE



Old No. F11. Used as pilot when installing new bolts, guiding them through retaining washers quickly easily. Saves its price on one job. (For Models A, B, and V8 Model 18.) Price\$.50



WATER PUMP SPANNERS

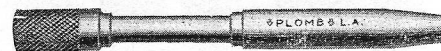
No. 6514 (Old No. WCS). For Model A and B Fords and Chryslers previous to 1930. Gives a perfect fit that will not mar the soft nuts. Length 6". Price\$.75

No. 6520. For adjusting the fan belt nut on V-8 Fords and water pump nut on late model Reo and Essex Terraplane. Price\$.75



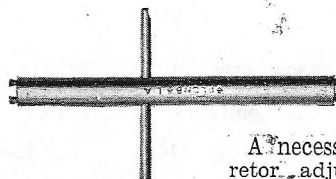
NO. 6515—FORD MAIN BEARING AND CON. ROD WRENCH

A powerful double-end socket wrench made especially for reaching and turning the main bearing and connecting rod nuts on Ford Model A, Model B Four and Ford trucks. 2 1/32" and 3/4" 12-point sockets are thin-walled and deep, and wrench is forged at correct angle to reach these nuts and give powerful leverage. Length 15". Price\$1.95



NO. 6516—V8 WRIST PIN TOOL

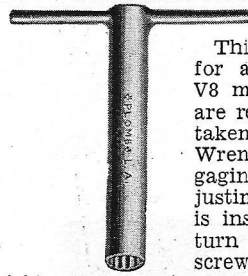
This tool operates on the same principle as the No. 6505 Wrist Pin Tool for Model A and Model B Fords, but fits the smaller wrist pins used in the V8 motor. Highest quality and finest steel, heat-treated so constant use will not wear pilot. Used with Ford pins or other makes. Price\$1.50



NO. 6517—V8 CARBURETOR JET WRENCH

A necessity in making carburetor adjustments on new V8 motor. It has an end spanner on each end, one end used for removing and assembling main jet and the other for the fuel pump valve. Price\$.90

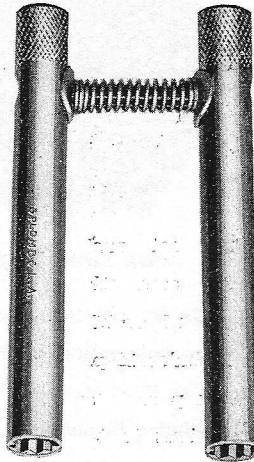
**NO. 6518—OIL PRESSURE
ADJUSTING WRENCH**



This tool is an absolute necessity for adjusting oil pressure on new V8 motor. Fan belt and generator are removed and $\frac{15}{16}$ " hexagon plug taken out of intake manifold. Wrench is inserted in opening, engaging lock nut on oil pressure adjusting screw. Then a screwdriver is inserted through body of tool to turn the screw (Plomb No. 9706 screwdriver is the right size for this job). Pressure is read by attaching a pressure gauge at rear left side of motor, where a $\frac{1}{4}$ " plug is located for this purpose. Price\$1.25

**NO. 6519—MAIN BEARING
BOLT HOLDING
SOCKETS**

The main bearing bolts are reversed in the V8 motor, with the square head at top in deep counter-bored holes. The No. 6519 fits on both bolts, regardless of position of heads. The spring tension holds both tool and bolts in position. Especially valuable when working on the motor in an upside-down position on a stand, as the tool and bolts remain in place, instead of dropping out, after the nuts and bearing cap are removed. Price..\$1.90



NO. 6522—V8 VALVE LIFTER

The quickest, simplest and most efficient V8 valve lifter. Uses top of block as fulcrum. 23" long.

Price\$1.00

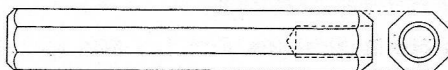
**NO. 6523 FORD V-8 CONNECTING
ROD NUT SOCKET**

This is a special $\frac{3}{8}$ " 12-point thin nose socket. An absolute necessity when working on V8 connecting rods. $\frac{1}{2}$ " square service connection. (Extra thin—not guaranteed). Price.....\$.40



**NO. 6524 PINION BEARING ADJUSTING
NUT WRENCH**

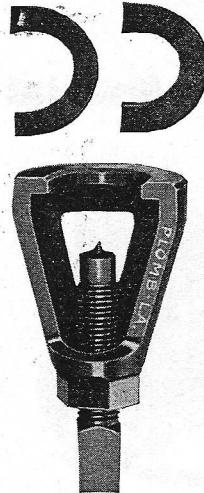
$1\frac{7}{8}$ " opening. Used in sets of two for adjusting the driving pinion bearing lock nut. Price \$2.00 each; \$4.00 per pair.



No. 6525 FORD HUB-BOLT PUNCH

This tool enables mechanics to upset shoulders on hub bolts to set them firmly in brake drum. Works on wheels of Ford Models A, B, and V-8. Price.....\$1.00

FORD WHEEL PULLERS



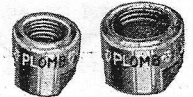
The tool illustrated will pull the tightest Ford drum where other pullers fail. Weighs approximately 6 lbs., heat-treated throughout, and will stand hardest service. As a holder for the $1\frac{1}{4}$ " hexagon on body, we recommend the No. 6501 Cam Gear Wrench.

No.	No.	Old	Price
6531	F31	Puller Body	\$3.35
6532	F32	$5\frac{3}{4}$ " Screw	1.90
6533	F33	$1\frac{5}{8}$ " I.D. Ring	.35
6534	F34	$1\frac{7}{8}$ " I.D. Ring	.35
6530	F30	Puller Complete, wt. 5 lbs. 9 oz.	\$5.95

NOTE: No. 6531 with No. 6532 fits all Model AA trucks up to and including 1929; No. 6531 with No. 6532 and No. 6534 fits all 1928 and early 1929 Model A cars; No. 6531 with No. 6532 and No. 6533 fits late 1929, all 1930 and 1931 Model A cars and the 1932 Four and new V-8.

**NOS. 6535-6536 MODELS A
AND AA FORD AXLE
PROTECTORS**

These Ford Axle protectors are used in conjunction with our No. 6530 wheel puller, to protect the axle while using the puller. Simple and easy to use. Every mechanic and shop with a No. 6530 puller will want these protectors. No. 6535 (For Model A Cars) $\frac{5}{8}$ ", 18 thread\$.75
No. 6536 (For Model AA Trucks) $\frac{7}{8}$ ", 14 thread..... 1.00



**FOR FORD KNOCK-OFF TYPE PULLER,
SEE PAGES 30-31**

31 SOCKETS FOR FORD CON. ROD NUTS



No. 5221—New 12-point socket for use with Plomb Cub Set. Every mechanic with a Cub set needs this socket. Price.....\$.40

No. 5421—12-point socket in the $\frac{31}{32}$ " size. For standard sets with $\frac{1}{2}$ " square connection. Price.....\$.45



DRAG LINK SCREW DRIVER

No. 5444— $\frac{3}{4}$ " blade; $\frac{1}{2}$ " square connection. A valuable addition to any socket set with $\frac{1}{2}$ " connection. Price.....\$.60

No. 5246— $\frac{3}{8}$ " blade, $\frac{3}{8}$ " square connection. Designed especially for making Gemmer steering adjustments on Fords. Price.....\$.60



No. 5016— $\frac{1}{2}$ " Deep Cub Socket. 12-point socket with $\frac{3}{8}$ " connection. Fits late Ford V-8 carburetor jet. Price.....\$.50

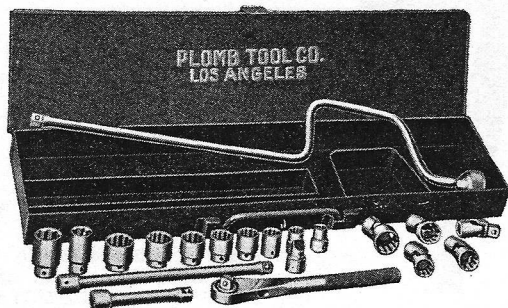


No. 5112— $\frac{3}{8}$ " Deep 8-point. Cub Socket. This socket is $1\frac{1}{2}$ " long, the same as other Cub 8-point sockets. Fits Ford V-8 Oil Pressure Plug.

Price\$.35

Plomb Hand-Forged Automotive and Aviation Tools

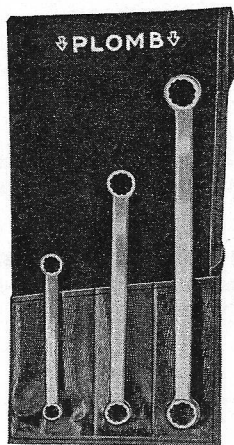
Special Ford Sets



NO. 5200G—FORD CUB SOCKET SET

A set that provides the sockets, extensions and handles especially needed for all the lighter jobs on Ford cars and trucks. With this set a mechanic can do his work quicker, easier and more efficiently. Consists of the following items:

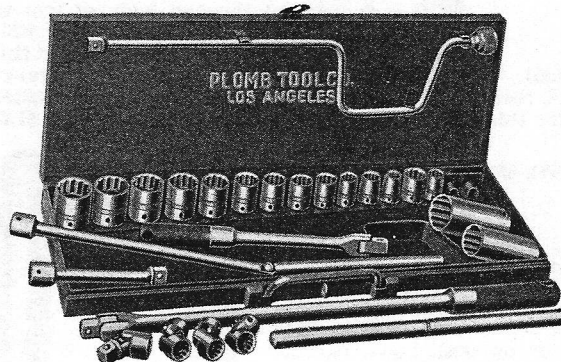
No. 5251—7" Ratchet	\$ 2.50
No. 5280—18" Speed Handle	1.50
No. 5260—3½" Extension .....	.60
No. 5261—8" Extension .....	.70
No. 5270—Universal Joint	1.35
12-point Cub Sockets—Nos. 5212, ¾"; 5214, 7/16"; 5216, 1/2"; 5218, 9/16"; 5220, 5/8"; 5221, 21/32"; 5222, 11/16", and 5224 3/4"—8 sockets complete.....	2.90
8-point Cub Sockets—No. 5114, 7/16", and No. 5118, 9/16"—2 sockets .....	.75
No. 5246—Cub Screwdriver Socket .....	.60
Universal Sockets—Nos. 5275, 1/2"; 5276, 9/16"; 5277, 5/8", and 5278, 11/16"—4 universal sockets.....	6.05
No. 5200G—Ford Cub Socket Set complete, as listed, tools only.....	16.95
No. 5200H—Ford Cub Socket Set, complete, as shown in No. 5295 metal carrying case.....	17.95



NO. 1100F—FORD BOX WRENCH SET

The three box wrenches listed below provide all openings from 7/16" to 3/4", inclusive, by 16ths, without duplication, which fit most of the nuts on Ford cars and trucks. An excellent utility box wrench set at low cost. Includes box wrenches Nos. 1125 7/16"x5/8", 1130 9/16"x5/8" and 1135 11/16"x3/4" (Old Nos. AD78, AD910, and AD1112).

No. 1100F—Set of three wrenches in leatherette kit No. 2405	\$3.55
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NO. 5400Q—FORD 1/2" SOCKET SET

This set consists of sockets and handles (with 1/2" square connections) that are especially adaptable to work on Ford Model A, Model B, and Model 18 V8 cars. It includes 12-point sockets and universal sockets, extra deep sockets, and an assortment of handles and extensions that appeal particularly to the Ford mechanic. Includes the following items:

No. 5482 (Old No. DLS18) 18" Speed Handle.....	\$ 1.50
No. 5466 (Old No. DMH) 9½" Hinge Handle.....	1.95
No. 5468 (Old No. DTH 18" Hinge Handle.....	2.85
No. 5470 (Old No. DU8S) Universal Joint.....	1.50
No. 5461 (Old No. DE5) 5" Extension.....	.60
No. 5463 (Old No. DE10) 10" Extension.....	.70
12-point Sockets—Nos. 5414, 7/16"; 5416, 1/2"; 5418, 9/16"; 5420, 5/8"; 5421, 21/32"; 5422, 11/16"; 5424, 3/4"; 5426, 13/16"; 5428, 7/8"; 5430, 15/16"; 5432, 1", and 5434, 1 1/16" (Old Nos. DD7, DD8, DD9, DD10, DD10½, DD11, DD12, DD13, DD14, DD15, DD16, and DD17)—12 Sockets.....	5.90
8-point Sockets—No. 5314, 7/16", and No. 5318, 9/16"—2 sockets .....	.80
Extra deep 12-point sockets—No. 5349, 15/16", and No. 5353, 1 1/8"—2 sockets.....	1.75
Universal Sockets—Nos. 5475, 1/2"; 5476, 9/16", and 5477, 5/8", (Old Nos. DU8, DU9, and DU10)—3 universal sockets	4.50
No. 5400Q—1/2" Socket Set complete, as listed, tools only	22.05
No. 5400R—1/2" Socket Set complete, as listed, in No. 5496 metal box.....	24.55

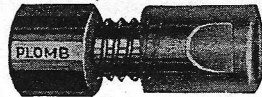
Special Chevrolet Tools



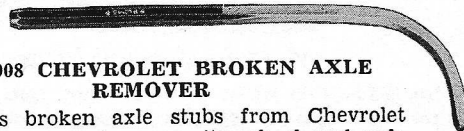
NO. 2047—CHEVROLET 6 STARTER AND MANIFOLD BOX WRENCH

Hand-forged box wrench, bent at proper angle to turn easily the starter and manifold nuts of Chevrolet 6. $\frac{9}{16}$ " and $\frac{5}{8}$ " 12-point openings. Price.....\$1.15

NO. 5245—CUB SET CHEVROLET OIL PAN SCREW DRIVER



Makes a quick, easy job of putting screws in Chevrolet oil pan. Socket fits over head of screw, holding screw driver bit in screw slot. $\frac{3}{8}$ " square connection. Price\$.75



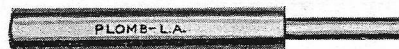
NO. 2008 CHEVROLET BROKEN AXLE REMOVER

Removes broken axle stubs from Chevrolet cars. Saves removing opposite wheel and axle shaft to drive axle stub through housing. With this tool it is only necessary to remove differential cover, as the tool will clear the differential. Works equally well on right or left axle. Price\$.90



NO. 1132—6-CYL. CHEV. MAIN BEARING AND TRANSMISSION WRENCH

Deep-lipped openings slip easily over recessed bearing nuts, 20° angle and 16" length give full swing and powerful leverage. $\frac{5}{8}$ " and $\frac{3}{4}$ " 12-point openings. Also fits transmission nuts, head bolts, spring clips, etc. Price\$1.75



NO. 6707 CHEVROLET VALVE GUIDE PUNCH

Valve guide replacing in the Chevrolet 6 has been made easy by this punch. It will remove the tightest guides no matter how badly carboned. Used with a hammer or under a hydraulic press. Price.....\$.60



NO. 4418—1932 CHEVROLET WHEEL KNOCKER

A new wheel knocker for Chevrolet. Size $\frac{1}{2}$ ", 16 threads to the inch. Price.....\$.55

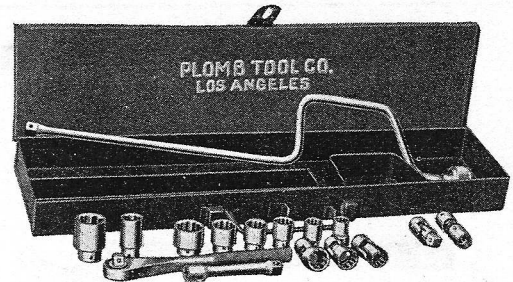
NO. 5438— $1\frac{1}{16}$ " 12-POINT SOCKET FITS 1932 CHEVROLET AXLE NUT

This size is necessary for servicing the new Chevrolet. $\frac{1}{2}$ " square connection. Price....\$.80



NO. 5538— $1\frac{1}{16}$ " HEAVY DUTY SOCKET

12-point socket, same as No. 5438 but has $\frac{3}{4}$ " square connection for use with heavy duty handles. Price\$1.05

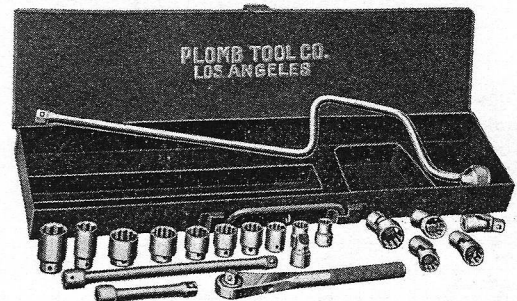


NO. 5200I CHEVROLET CUB SOCKET SET

A keen little Cub set, especially adapted to Chevrolet work. With these light, strong handles, sockets and other hard-to-reach places. Mechanics tell us that extensions; you can speed up all the little jobs, where nuts are from $\frac{9}{16}$ " to $\frac{3}{4}$ ", get behind carburetors and this is the best set with $\frac{3}{8}$ " service connections ever made. The Chevrolet Club set consists of the following:

No.	Item	Price	No.	Item	Price
5251	7½" Ratchet.....	\$2.50	5222	12-pt. $\frac{11}{16}$ " Socket	\$.40
5260	3½" Extension	.60	5224	12-pt. $\frac{3}{4}$ " " "	.40
5270	Univ. Joint.....	1.35	5114	8-pt. $\frac{7}{8}$ " " "	.35
5280	18" Speeder	1.50	5120	8-pt. $\frac{5}{8}$ " " "	.45
5214	12-pt. $\frac{7}{8}$ " Socket	.30	5275	½" Univ.Socket	1.40
5216	12-pt. $\frac{1}{2}$ " " "	.35	5276	$\frac{9}{16}$ " Univ. " "	1.50
5218	12-pt. $\frac{9}{16}$ " " "	.35	5277	$\frac{5}{8}$ " Univ. " "	1.50
5220	12-pt. $\frac{5}{8}$ " " "	.40	5245	Oil Pan Screw-driver	.75

No. 5200I—Tools only, as listed.....\$14.10
No. 5200J—Set complete in No. 5295 Box..... 15.10



NO. 5400U CHEVROLET ½" SOCKET SET

This is a very complete selection of ½" sockets, handles and extensions for the Chevrolet mechanic. While the Cub handles and sockets are lighter and faster, this set takes care of practically every nut found on Chevrolet cars and trucks. It includes the following items:

No.	Item	Price	No.	Item	Price
5468	18" H'ge H'dle.	\$2.85	5424	12-pt. $\frac{3}{4}$ " Socket	.45
5466	9½" H'ge H'dle	1.95	5426	12-pt. $\frac{13}{16}$ " " "	.50
5482	18" Speeder	1.50	5430	12-pt. $\frac{15}{16}$ " " "	.60
5470	Univ. Joint.....	1.50	5432	12-pt. 1" " "	.60
5461	5" Extension	.60	5434	12-pt. $1\frac{1}{16}$ " " "	.65
5463	10" Extension	.70	5341	$\frac{7}{8}$ " Deep " "	.65
5414	12-pt. $\frac{7}{8}$ " Socket	.40	5343	$\frac{5}{8}$ " " "	.70
5416	12-pt. $\frac{1}{2}$ " " "	.40	5345	$\frac{3}{4}$ " " "	.70
5418	12-pt. $\frac{9}{16}$ " " "	.40	5351	1" " "	.85
5420	12-pt. $\frac{5}{8}$ " " "	.40	5475	½" Univ. " "	1.50
5422	12-pt. $\frac{11}{16}$ " " "	.45	5476	$\frac{9}{16}$ " " "	1.50
			5477	$\frac{5}{8}$ " " "	1.50

No. 5400U—Tools only, as listed.....\$21.35
No. 5400V—Set complete in No. 5496 Box..... 23.85

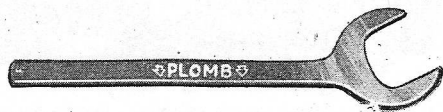
CHEVROLET HUB BOLT PUNCH

Makes a quick, easy job of upsetting the knurled shoulders of Chevrolet hub bolts on both wire and disc wheels.

No. 6725—Passenger car size.....\$1.00
No. 6726—Truck size 1.25

Plomb Hand-Forged Automotive and Aviation Tools

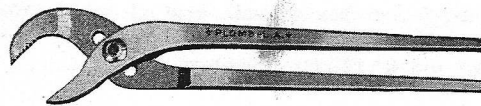
Water Pump Wrenches



Plomb water pump wrenches are forged from finest steel. The handle is bent to clear generators, manifolds, etc., which usually obstruct packing nuts. There is a size to fit every car.

No.	Size	Price	No.	Size	Price
3632	1	\$1.00	3646	1 1/16	\$1.30
3638	1 3/16	1.10	3648	1 1/2	1.35
3640	1 1/4	1.20	3652	1 5/8	1.50
3642	1 3/4	1.20	6501	1 3/4	1.50
3644	1 3/8	1.25			

3600A Set Complete.....\$11.40



NO. 2040—ADJUSTABLE WATER PUMP PLIERS

Cleverly designed tool with five slip joints, which enable you to grip and turn nuts from 1/2" to 2 1/4". Especially useful for turning water pump packing nut in practically every car. Handy for brake nuts, battery terminals, drain plugs, spark plugs, etc. Thin and light, yet very strong. Length, 9 1/2". Beautiful polished finish. Price.....\$1.50



WATER PUMP SPANNERS

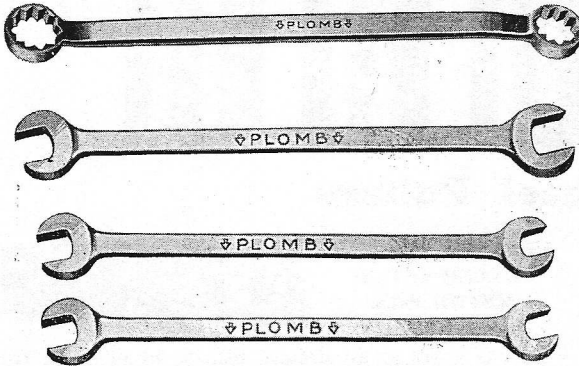
No. 6514—Fits water pump packing nut on Model A and B Fords and Chryslers previous to 1930. Price \$.75.

No. 6520—For fan belt adjusting nut on Ford V-8 and water pump nut on late model Reo and Essex Terraplane. Price.....\$.75

Make of Car	1931 Models	Wrench Opening	1932 Models	Wrench Opening	1933 Models	Wrench Opening
Auburn.....	All	1 1/16	8	1 1/16"	8	1 1/16"
Auburn.....			12	Spanner	12	Spanner
Buick.....	All	7/8"	All	7/8"	All	7/8"
Chevrolet.....	6	1 "	6	1 "	6	1 "
Chrysler.....	6	1 3/16"	6	1 3/16"	6	1 1/4"
Chrysler.....	6-70	1 1/4"	All 8's	1 5/16"	All 8's	1 5/16"
Cord.....	All	1 1/16"	8	1 1/16"		
DeSoto.....	8	1 3/16"	6	1 3/16"		No Packing
DeVaux.....	All	1 "	6	1 "		
Dodge.....	All	1 3/16"	All	1 5/16"		No Packing
Essex.....					Terraplane	6520
Ford.....	All	6520	B	6520	V8	
Ford.....			Truck	6520	Truck	6520
Graham.....	All	1 1/4"	All	1 1/4"	All	1 1/4"
Hudson.....	All	1 3/16"	8	1 3/16"	All	1 3/16"
Hupmobile.....	L	1 3/16"			6	1 "
Hupmobile.....	Others	1 "	216	1 "	8	No Packing
Lincoln.....					All	1 "
Nash.....	All	1 "	Big 8	1 "	All	1 "
Oakland.....	All	3/4"				
Oldsmobile.....	All	7/8"	6 and 8	1 "	All	1 1/4"
Packard.....	All	1 1/2"	All	1 1/2"	All	1 1/4"
Pierce Arrow.....	All	1 5/16"	All	1 5/16"	All	1 5/16"
Peerless.....	Std. 8	1 3/8"	8	1 5/16"	All	1 5/16"
Plymouth.....	All	1 1/8"	4	1 1/4"	All	No Packing
Pontiac.....	All	3/4"	6 and 8	3/4"		Spanner
Reo.....	SM8	1 3/8"	All	6520	All	6520
Rockne.....			65	1 3/16"	All	1 3/16"
Rockne.....			75	1 5/16"		
Studebaker.....	Pres.	1 5/8"	6	1 5/16"	All	1 5/16"
Studebaker.....	Others	1 1/4"	Pres. 8	1 5/8"		
Studebaker.....			Others	1 1/4"		
Willys.....	All	1 1/8"	6	1 1/8"	6	1 1/8"
Willys.....			8	1 1/4"	8	1 1/4"
Willys Knight.....	All	1 1/8"	95	1 1/8"	66E	1 1/8"
Willys Knight.....			660	1 1/4"		

Special Brake Tools

Whether you work on all makes of cars, or on a particular make, you will find that Plomb makes the kind of brake tools you need to save time and money. The following Plomb brake tools provide the tools you need for doing all brake work.



EXTRA LONG WRENCHES FOR BRAKE WORK

These are Plomb quality open-end wrenches, made extra long and especially designed for brake work. Also useful for spring clips and other jobs where a long wrench is needed. Made in the following sizes:

No.	Openings	Thickness of Heads	Length	Price
3038 OE	3/4"x7/8"	1 1/32"	15"	\$2.00
1147 Box	15/16"x1 1/16"		16"	2.00
*3046 OE	15/16"x1 1/16"	1 3/32"	16"	2.25
3048 OE	1"x1 1/8"	1 3/32"	16"	2.75

*This open-end wrench is for some cars where the box wrench with 15/16"x1 1/16" openings cannot be used.

NO. 2001 LOCKHEED WRENCH

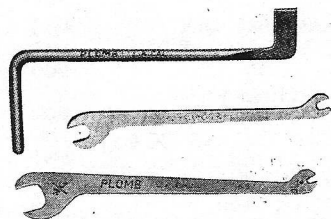


For all cars with Lockheed hydraulics. 5/8" opening; length, 2 3/4"; (Old No. K1). Price\$.55

NO. 2002 FOR LINCOLN, CADILLAC, CHANDLER

A handy wrench that fits brake adjustments on above cars. 1 1/16" and 1 3/16" openings; length 8"; (Old No. K2). Price.....\$.90

BENDIX WRENCHES



With these three tools you are equipped to adjust both 2- and 3-shoe Bendix brakes on practically all cars.

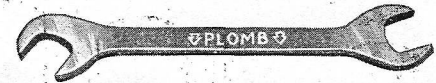
No. 2006 (old No. K6). Star nut adjusting wrench for 2-shoe Bendix brakes.

Makes adjustment in half usual time. 8" long; blade 5/8" wide. Price\$.95

No. 2004 (Old No. K4). 1/4"x9/16"—for eccentric screw on 3-shoe brakes and lock nut on 2-shoe type. Price\$1.00

No. 2005 (Old No. K5). 3/16"x3/4" for eccentric screw on 2-shoe brakes and lock nut on 3-shoe type. Price\$1.25

No. 2010 1/4"x3/16" open-end. 1/4" opening is for eccentric screw on 3-shoe Bendix brakes; 3/16" opening for eccentric screw on 2-shoe brakes. Price\$.90

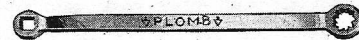


NO. 2007 4-WHEEL BRAKE WRENCH

Old No. K4WB. 5/8" opening both ends; useful for adjusting 4-wheel brakes on most cars. Length, 6" Price\$.90

NO. 2009 DODGE BRAKE WRENCH

Old No. KDB. 7/8"x3/4" openings. Most satisfactory for working on brakes of Dodge cars that have balloon tires. Length 8". Price\$.95

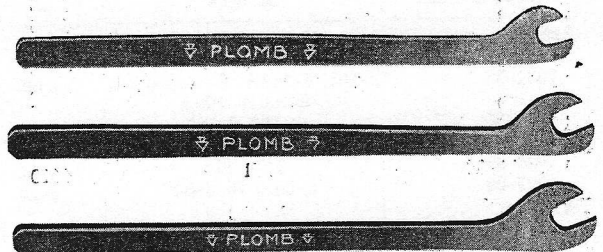


NO. 6502 FORD BRAKE WRENCH

Old No. F2. Hand-forged, double-end, offset 8-point box wrench that loosens rusted and frozen adjustments easily. 7/16" square for Model A, Model B and V8 cars; 1/2" 8-point for Ford trucks. Length, 10" Price\$1.25

NO. 2016 BRAKE BAND TOOL

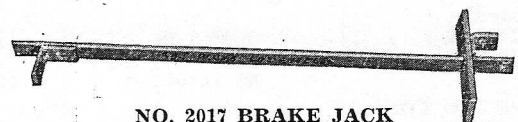
Old No. KB. For rounding and working kinks out of external brake bands. Length, 11". Price\$1.00



U-BOLT AND BRAKE WRENCHES

Heavy-duty wrenches for U-bolts, shackle bolts, spring perch nuts, and other uses requiring strong wrenches with plenty leverage. Long handles make it easy to work under cars. Also useful for brake adjustments.

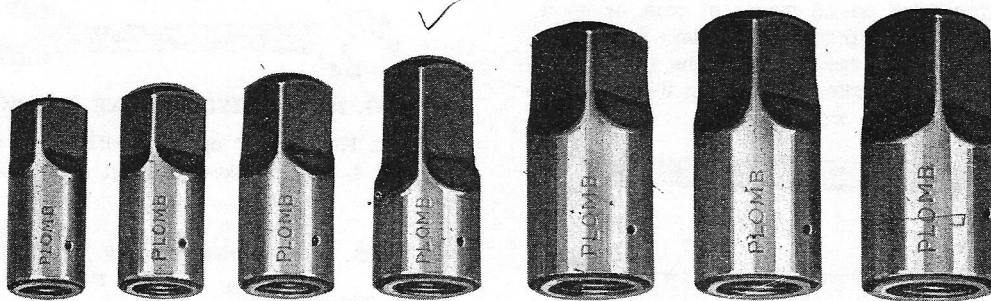
No.	Open.	Length	Price	No.	Open.	Length	Price
K44	3/4"	14"	\$.65	K48	1"	14"	\$.85
K46	7/8"	14"	.75	K50	1 1/8"	14"	1.00



NO. 2017 BRAKE JACK

Old No. KBJ. Holds brake pedal down while brakes are adjusted. Works on 98% of passenger cars. Length 20". Price\$1.00

Plomb Hand-Forged Automotive and Aviation Tools



Knock-Off Wheel Pullers

The complete set listed below handles about 90% of all pleasure car wheels and quite a few trucks. Made of heat-treated alloy steel and almost indestructible. Breather hole prevents forming grease pads, which so often cause stripped threads. Never buy a knock-off puller without this breather hole.

No.	Old No.	Size to In.	Thr'ds	Price	No.	Old No.	Size to In.	Thr'ds	Price
4410	MW1	5/8"	18	\$.75	4425	MW4	1"	14	.90
4415	MW2	3/4"	16	.80	4430	MW5	1 1/8"	12	\$1.25
4418	'32 Chev.	1 1/8"	16	.85	4435	MW6	1 1/4"	12	2.00
4420	MW3	7/8"	14	.85	4436	MW7	1 1/4"	7	2.00
4422		7/8"	16	.85	4441	MW8	1 1/2"	6	3.00
4423		7/8"	18	.85					
4400A MWA Set consisting of 4410-15-20-25.....				\$ 3.30					
4400B MWB Set consisting of 4410-15-20-25-30-35-36.....				8.55					
4400C—Set of 10 Pullers, all except No. 4418.....				13.25					
4400E—Complete Set of 11 Pullers.....				14.10					

NO. 4400D—WHEEL PULLER SET IN METAL BOX



This is a set of all around utility, which pulls the wheels of a large number of cars. It consists of Nos. 4410, 4415, 4420, and 4425 knock-off type wheel pullers, packed in the No. 4405 slide-cover metal box. No. 4400D set complete in metal box, price.....\$3.50



NO. 4405—METAL BOX FOR WHEEL PULLER SETS

A sturdy box of heavy sheet steel, which holds a set of four of the smaller size wheel knockers. Inside dimensions: 2 5/8" wide, 4 1/4" long, 1 3/8" deep. Enamel finish; slide cover. Price.....\$.20

Wheel and Axle Knock-Off Data

Make & Year	Models	Knockoff No.	Make & Year	Models	Knockoff No.
Auburn			Chrysler		
1932-33	12-160, 12-161	4425	1930-33	8 Cyl., CO-6, CM-6	4415
1931-33	8-101, 8-101A, 8-98, 8-98A,	4425	1930-33	Imp. 8, 77, 70, Royal 8	4420
	8-100, 8-100A		1929-31	66, New 6	4415
1929-30	8-120, 8-125	4425	1927-30	60, 62, 65, 70, 72, 75, 80	4420
1929	88, 6-80, 8-95, 8-90, 6-85	4420			
1926-29	8-88, 115	4425	De Soto		
1927-28	6-66A, 76, 6-80	4420	1928-33	All	4415
Austin			DeVaux		
1930-31-32	All	4410	1930-32	6-75	4415
Blackhawk			Dodge		
1929	L6, L8	4430	1930-33	DA6, DK8, DO8	4420
Buick			1930-33	DD6, DP6, DC8, DG8	4415
1930-33	80, 90-8 Cyl.	4430	1922-29	All	4420
1930-33	50, 60-8 Cyl.	4425	Dodge Truck (Formerly Graham Bros.)		
1929-30	50, 60, Master Series	4430	1929-30	4 & 6 Cyl., 3/4 Ton, DE	4420
1929-30	Standard, 40	4425	1929-30	BE, 1, 1 1/4 Ton, 140" W.B.	4425
1930-31	50-8 Cyl.	4425	1928-30	3 Ton	4441
1916-28	Master 6, 41 to 47	4430	1929	1 1/2 Ton	4415
1917-28	Master 6, 48 to 50	4430	1928-29	1 1/4 Ton	4425
1928	Standard 6	4425	1928-29	2, 2 1/2 Ton, Bus Model D	4436
Cadillac			Erskine		
1929-32	Series 353, 355, 452, 470	4430	1930		4420
Chandler			1927-29	Pass. Car, 1/2 Ton Truck	4415
1928-29	6-65, 8-75	4415	Essex		
1922-29	29, 32, 32A, 33, 35, Big 6	4420	1933	Terraplane 6 & 8	Special
	85, Royal 8		1930-32	All	4423
Chevrolet Truck			1924-29	6 Cyl.	4410
1932	BB	4415	Federal		
1931-33	1 1/2 Ton Dual, N, M, O	4435	1929-30	3F6, 3FW	4425
1930	1 1/2 Ton	4430	1924-30	1 1/2 Ton, 2 Ton	4436
1919-1929	1 Ton, 1 1/2 Ton	4425	Ford		
Chevrolet			1910-33	T, A, B, 40, V8	4410
1932	Late 32 BA	4418	We recommend our F30 Puller for Ford cars and trucks—See Ford Section.		
1923-32	All Except Late '32	4415			

Los Angeles — New York — Chicago — Dallas

Make & Year	Models	Knockoff No.	Make & Year	Models	Knockoff No.
Ford Truck			Peerless		
1930-31-32	AA-BB	4435	1932	Custom 8	4425
1928-29	AA	4420	1931	Std. 8	4420
1919-27	TT	4420	1931	Custom 8	4430
Franklin			1929-31	125, Master 8	4425
1917-32	All	4415	Pierce-Arrow		
G-M-C			1929-32	All	4425
1932	T18-1½ Ton	4435	1924-28	All	4420
1930-31	T42, T44, 2-3 Ton	4436	Plymouth		
1930-31	T17, 1 Ton	4420	1929-33	All	4415
1929-31	T30, 1½ Ton	4436	Pontiac		
1929	T11	4420	1929-32	6, V8	4420
Graham Bros. (See Dodge Truck)			1926-29	All	4415
Graham			Reo		
1932	57-8 Cyl.	4430	1916-33	All	4425
1931	All 8 Cyl.	4425	Reo Truck		
1931	Std. & Spec. 6	4415	1927-32	2 Ton, FC, DF, FA, FB, FE, FF	4435
1930	822, 8 Cyl., 645, Spec. 6	4430	1927-30	FA, FB, FE, FF, 1½ Ton	4430
1930-31	646, Std. & Pros. 6	4420	1927-30	DA, DC, 1 Ton, BA, Jr. 15 ½ Ton	4425
1928-30	610, 612	4420	Republic—La France Republic		
1928-29	614, 619, 629, 835, 621 827, 837, Cust. 8	4425	1928-30	Fleetmaster	4425
Hudson			1928-30	76, 1½ Ton, F1, 2 Ton, 50, 75	4435
1932	All	4423	Rockne		
1931	Late, Freewheel.	4423	1932	All	4420
1930-31	Great 8	4410	Roosevelt		
Hupmobile			1929-30	All	4420
1918-31	All	4420	Sterling Truck		
Indiana			1924-27	GB7, Bus, 1½ Ton	4436
1929-30	200, 1 Ton	4425	Studebaker		
1927-30	11, 11X, 1½ Ton	4425	1933	Pres. 8-92	4425
1928-29	400, 2 Ton	4436	1933	Comm., Dict., Pres. 8-82	4420
1928-29	300, 1½ Ton	4425	1932	All	4420
1927-29	115, 615, 2 Ton	4436	1929-31	6-54, Dict. 6 & 8, Comm. 6 & 8	4420
1929-30	115A, 615A, 127S, 2-3 Ton	4441	1928-31	80-90 Pres., Pres. 8	4425
1927-29	115, 127, 627, 628, 2½-3 Ton	4441	Studebaker Bus & Truck		
International (I-H-C)			1929	GK, 1 Ton, 40, 1¼ Ton	4425
1933	D1	4420	1929	GN, ¾ Ton	4420
1930-31-32	A2, B2, AL3	4435	1928-29	75, Jr., 76, Bus	4435
1929-31	AW1, ¾ Ton	4425	1927-29	52B, ½ Ton	4415
1928-29	Six Speed, 1 Ton	4435	1925-29	H, Bus	4425
1925-30	SL, SL34, SL36, SF36, 1½ Ton, 15, 15A, 15B Bus	4435	1927-28	¾ Ton	4420
Kleiber Truck			Stutz		
1928-30	2 Ton	4436	1931-33	All	4430
1928-29	1 Ton	4420	1923-29	BB, M, 6-90, 6-95	4420
LaSalle			Viking		
1927-33	All	4430	1929	V8	4425
Mack			White Truck & Bus		
1928-31	AC (Jackshaft)	4435	1929-30	158, 57, 1-1¼ Ton	4425
1924-28	AC, 3½-7½ Ton	4435	1925-28	15, ¾ Ton	4420
1916-30	9AB, 1½-2½ Ton	4430	Willys-Knight		
Marmon			1933	77	4415
1932	8-125	4435	1932	All	4420
1930-31	88, 16, Big 8	4430	1929-31	66D, 8-80, 6-98B, 70B, 87, 6-97, 98, 98A, 6 Cyl. Whippet	4420
1927-31	68, 69, 70, 78,	4420	1929-30	66B	4425
1930	79	4425	1926-30	6-70, 70A, 96, 4 Cyl. Whippet, 56, St. 6	4420
Moreland			1925-29	66, 66A, 6 Cyl.	4425
1925-28	BX, 6 Cyl., 1½ Ton	4436	Willys-Knight Truck		
Nash			1929-31	C101, T103, 1½ Ton	4425
1932	60, 70	4425	1929-30	96A, Whippet, 1½ Ton	4420
1930-31-32	490, Twin Ign. 8, 8-90	4420	1928-30	15, 16, 1½ Ton, 15, 16, 20, 21, 2 Ton	4435
1930-31	6-60, 8-70, 8-80	4422	1928-29	T100, 1 Ton	4420
1918-30	Twin Ign., Adv., Spec. 6 All 4 Cyl.	4420	Willys-Overland		
Oakland			1932	All	4420
1924-31	All	4420	Yellow Cab (Chicago)		
Oldsmobile			1922-29	All	4420
1924-33	All	4425	Yellow Truck & Coach		
Packard			1924-29	T1, T3, ¾-1 Ton, T2, 1 Ton	4420
1932	900	4420	1926	X	4436
1932	Std. 8; Del. 8, 12	4425			
1923-31	All	4425			

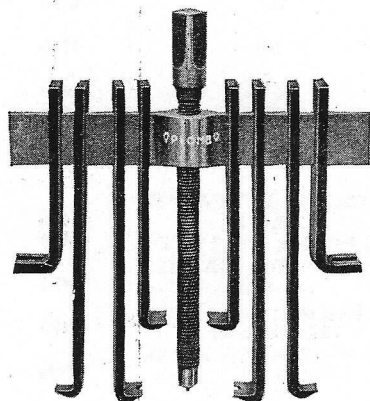
NOTE—Write factory for sizes on any car or truck not listed here.

Plomb Hand-Forged Automotive and Aviation Tools

Plomb Gear Pullers

Plomb gear pullers have hand-forged jaws, with the tremendous strength that only hand-forging can give. The hand-forging process enables us to make the jaws thinner and lighter, so they get into places inacces-

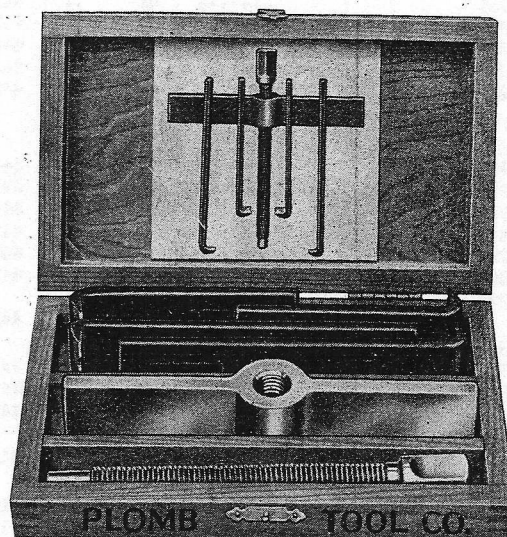
sible to most other pullers. Easily adjustable to pull most any type ball race, generator or starter gears, pinion gears, Ford drive shaft bushings, wire wheels, etc. Made in three different sizes



NO. 4030—HEAVY DUTY PULLER

A powerful gear puller with a wide variety of hand-forged jaws, especially designed to pull generator, starter and pinion gears, ball races, Ford drive shaft bushings, wire wheels, etc. Consists of the following items:

No.	Old No.		Price
4015	J7	2 7" arms (each \$1.60)	\$ 3.20
4016	J11	2 10" arms (each \$1.65)	3.30
4018	JCS6	2 6" Cap Screw Arms (\$1.65)	3.30
4017	JT10	2 10" Timing Gear Arms (\$1.65)	3.30
4012	JS11	1 11½" Screw, 7/8" sq. head	1.90
4011	JC11	11" Cross Arm	2.50
	ZH	Handle for Screw (extra)	2.00
4019	JB2	Wooden Box for Set	.35



NO. 4020—MEDIUM SIZE GEAR PULLER

Finest steel, hand-forged and heat-treated, gives the thin jaws of these small puller sets enormous strength. The favorites for generator and starter gears, armature gears, bearings, cones, ball races, etc.

No.	Old No.		Price
4025	J3	2 3⅝" Jaws (each \$1.05)	\$ 2.10
4026	J5	2 5¼" Jaws (each \$1.10)	2.20
4022	JS7	1 7" Screw	1.25
4021	JC5	1 7" Cross Arm	1.85
4029	JB1	Wooden Box for Set	
4020A	MG2	Gear Puller, complete, in wooden box, as illustrated	7.65
4020B	MG20	Gear Puller, complete without box	7.40



CAP SCREW AND TIMING GEAR JAWS

No. 4018 (left). Grooved to hook over cap screws; pulls easier and gets in closer places. Each.....\$1.65

No. 4017 (right). Pulls Buick timing and water pump gears, and timing gears on most other cars. Each jaw\$1.65



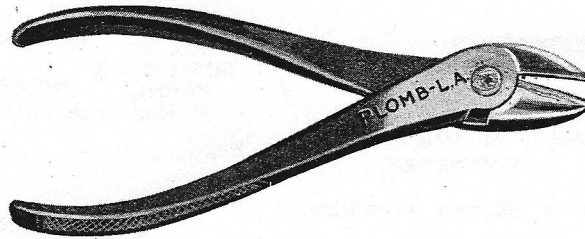
No.	Old No.		Price
4030A	MG3	Set complete in No. 4019 box	17.85
4030B	MG30	Set complete in carton	\$17.50
4010A	MG1	Same as 4010B, with 2 pairs of arms, but in No. 4019 box	11.25
4010B	MG10	Gear Puller with 2 pairs of arms—Nos. 4015 and 4016	10.90

NO. 4060 SMALL GEAR PULLER

Pulls the little gears on timers, distributors, armatures, cam shafts, etc., quick and easy. The narrower jaws get in closer places. Adjusting nut holds jaws in place so they won't slip off. Head is ⅞" square, so you can use any convenient wrench for turning. Smaller jaws have range from nothing to 1½"; 2" long from cross arm. Larger jaws have range from nothing to 3", and are 3" long from cross arm to end.

No. 4061	Cross Arm only	\$1.00
No. 4062	Screw	1.00
No. 4063	Adjusting Nut	.15
No. 4064	Pins for Cross Arm (5c each)	.10
No. 4065	short jaws at 85c each, per pair	1.70
No. 4066	long jaws at 95c each, per pair	1.90
No. 4060-A	Puller Complete (2 pairs of jaws)	5.85
No. 4060-B	Puller, with short jaws only	3.95
No. 4060-C	Puller, with long jaws only	4.15

No. 2208—8" Diagonal Cutting Plier



1000
672

Plomb Diagonal Cutting Pliers are fully guaranteed. They will be replaced free of charge if found defective in material or workmanship within one year of time of purchase. However, we cannot make replacement on any tool that has been misused, filed, ground, burned on live wires, or deliberately mutilated.

DISPLAY CARDS

Show the new Plomb Diagonal Pliers on one of the 14x21 display cards. They were designed to let the mechanic see the exclusive features found only in the new Plomb Diagonal Cutting Pliers—the plier every mechanic needs. Five pliers mounted on each card.

Price Per Card.....\$9.25

EXCLUSIVE PLOMB FEATURES

Pin is an integral part of lower jaw and will not come out, loosen, or bind. It can be peined over and tightened if necessary.

Extra leverage and easy cutting qualities are given by the short distance between center of pin and cutting jaws.

Radius of cutting jaw gives compound leverage for pulling cotter keys.

Plomb Diagonal Cutting Pliers are forged from the finest electric furnace alloy steel. They are individually hardened and tempered throughout to give great strength and maximum wearing qualities.

Price Per Pair.....\$1.85

Detachable Stud Pullers

The slickest stud puller you ever saw. Simply slip it over a stud, give puller a slight turn, which locks the eccentric knurled nut against stud, and turn out stud. Use ordinary wrench on puller body or an attachment in socket. Does not chew up the studs; makes this work quick, easy and simple.



No.	Old No.	Fits Studs	Attach Size	Roller No.	Price
4508	MSD8	$\frac{3}{8}$ " to $\frac{1}{2}$ "	$\frac{1}{2}$ " sq.	4511	\$1.90
4510	MSD10	$\frac{1}{2}$ " to $\frac{3}{8}$ "	$\frac{1}{2}$ " sq.	4511	\$1.90

STUD PULLER ROLLERS

No. 4511 (old No. MSR1) $\frac{7}{8}$ "x $\frac{3}{4}$ " Knurled roller—takes $\frac{3}{8}$ " to $\frac{1}{2}$ " studs when used with No. 4508 puller, and $\frac{1}{2}$ " to $\frac{5}{8}$ " studs when used with No. 4510 puller.

Price, each\$.50

No. 4512 (old No. MSR2) 1"x $\frac{3}{4}$ " Knurled roller—takes $\frac{1}{4}$ " to $\frac{3}{8}$ " studs when used with No. 4503 puller, and $\frac{3}{8}$ " to $\frac{1}{2}$ " studs when used with No. 4510 puller.

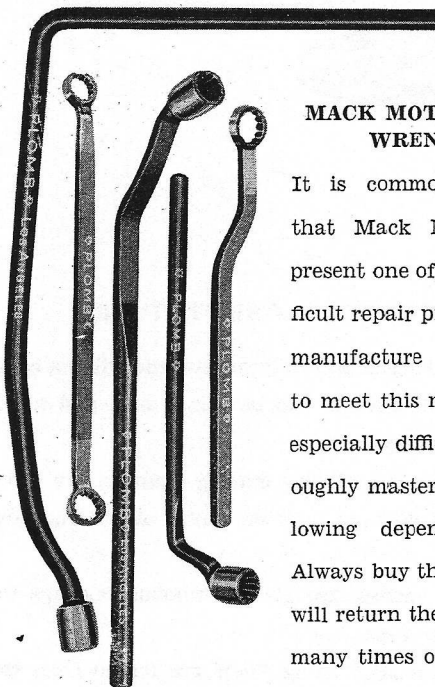
Price, each\$.50

No. 4513— $\frac{3}{4}$ "x $\frac{3}{4}$ " Knurled roller—takes $\frac{1}{2}$ " studs when used with 4508 puller, and $\frac{5}{8}$ " Mack studs when used with 4510 puller.

Price, each\$.50

Plomb Hand-Forged Automotive and Aviation Tools

Special Purpose Tools



MACK MOTOR BLOCK WRENCHES

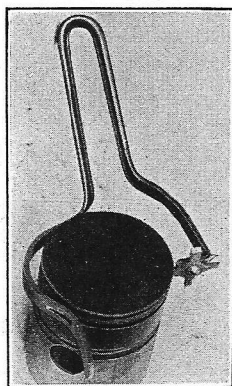
It is common knowledge that Mack Motor Blocks present one of the most difficult repair problems. The manufacture of wrenches to meet this need has been especially difficult, yet thoroughly mastered in the following dependable items. Always buy the Sets. They will return their cost to you many times over.

2030 1141 2031 2033 2032

No.	Old No.	Model	12 pt. Op.	Price
2030	K30	AC Rear Nuts	1 1/4"	\$4.00
2031	K31	AC Front Nuts	1 1/4"	3.50
2032	K32	AC Side Nuts	1 1/4"	2.75
2033	K33	AB Rear Nuts	7/8"	3.50

NO. 2311—RING GROOVE CLEANER

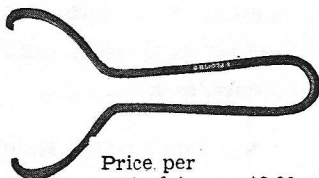
Cleans 1/8", 5/32", 3/16", and 1/4" grooves with single tool. Hardened and ground cutter stays at proper cleaning position. Spring steel handle adaptable to any piston with grooves these sizes. No. 2311 (Old No. C41) with cutter. Price.....\$.75
No. 2312—Extra cutter.....\$.20



ONE-PIECE RING GROOVE CLEANERS

Handiest, quickest ring groove cleaners made. Fit any piston from 2 1/2" to 4". Square cutting edges give long life; cleans in corners; tempered to last indefinitely. 7 3/4" long.

No.	Old No.	Sizes	Price
2304	C2	1/8"	\$.75
2305	C2 1/2	5/32"	.75
2306	C3	3/16"	.75
2308	C4	1/4"	.75



Price per set of 4.....\$3.00



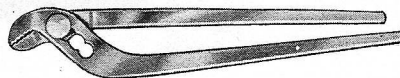
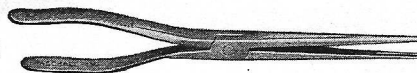
NO. 2037 FLEXIBLE CARBON SCRAPER

Old No. K37. The flexible spring steel blades make this scraper particularly good for cylinder heads, valve ports, etc. Blades can be resharpened. Length, 9 1/4". Price\$.50

NO. 130 LONG-NOSE PLIERS

12" long, with 5 1/2" straight jaws. Weight, 10 oz.

Price\$1.45



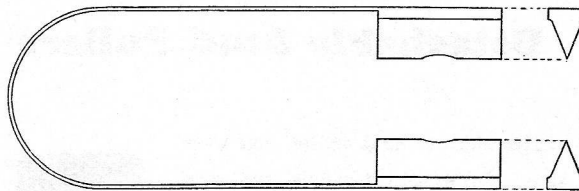
NO. 2039—SPECIAL IGNITION PLIERS

This is a very fine little tool that is unequalled for reaching and turning very small nuts. It has four slip joints and the design with lower jaw offset gives it a powerful grip for a small tool. Gives a square, solid grip of parallel jaws on any diameter from 1/8" to 5/8". Milled teeth on both jaws; shape and design are just right for close, accurate work. Length, 4 1/2".

Price.....\$.90

NO. 2038 BUICK CYL. HEAD WRENCH

This new Buick cylinder head wrench enables the mechanic to reach all head bolts from the right side of motor. Hand-forged to give strength that will strip the threads or twist the bolt without breaking. Proper length for good leverage. Fits all 1932 Buick models and others with detachable heads. Price.....\$2.50



*NO. 2060—BEARING SPREADER

A tool found necessary in removing opposed bearings from axle shafts. The two wedge-shaped segments, joined by spring handle, are forced between bearings in a vise or press, spreading them enough so spring leaf or thin parallels can be inserted to remove bearing from shaft. Handle is flat steel; wedges 5/8" wide at top, 2" long; overall length of tool, 8". Made of finest quality steel, properly heat-treated to withstand constant use.

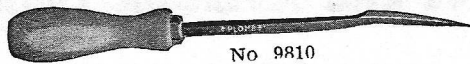
Price complete 2.95

Segments, per pair.....\$2.35

Handle60

(Special Tool—Not Guaranteed)

Tube Flaring Tools



No. 9810



No. 9820

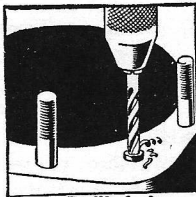
Bearing Scrapers

Won't chatter; perfect temper; hold edges on babbit, bronze, or cast bearings.

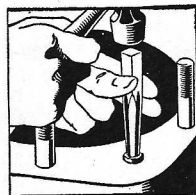
No. 9810— $\frac{1}{2}$ "x2 $\frac{3}{4}$ " slightly curved blade\$1.20
No. 9820— $\frac{1}{2}$ "x2 $\frac{3}{4}$ " offset curved blade 1.20

NO. 2020 PACKING HOOK

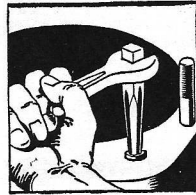
Old No. KPH. A convenient tool for removing old packing from water pumps. Length, 8". Price....\$.60



1. Drill hole



2. Drive in extractor



3. Turn out screw



No. 9500

Better than other type extractors because they do not spread the hole, especially when extracting brass or copper screws, studs or fittings. Hand-forged from finest steel, they are practically indestructible and the reamer-like fins hold their edges indefinitely under constant service. Nos. 9521 to 9525, inclusive, will handle practically all extracting jobs in automotive and aviation work.

No.	Size of Small End	Elize of Shank	Overall Length	U.S.S. Screw Size	Rec'd Drill Size	Min. Depth of Hole	Pipe Size	Price Each
9521	$\frac{1}{8}$	$\frac{3}{16}$	3	$\frac{1}{8}$	$\frac{1}{8}$	$\frac{1}{8}$	....	.50
9522	11/64	$\frac{1}{4}$	3 $\frac{1}{4}$	$\frac{3}{16}$	$\frac{1}{8}$	$\frac{3}{16}$	....	.60
9523	15/64	$\frac{5}{16}$	3 $\frac{1}{2}$	$\frac{1}{2}$	$\frac{1}{8}$	$\frac{1}{2}$	$\frac{1}{8}$	.75
9524	19/64	$\frac{7}{16}$	3 $\frac{3}{4}$	$\frac{3}{4}$	$\frac{1}{8}$	$\frac{3}{4}$	$\frac{1}{4}$	.85
9525	11/32	$\frac{7}{16}$	4	$\frac{5}{8}$	$\frac{1}{8}$	$\frac{5}{8}$	$\frac{1}{2}$	.95

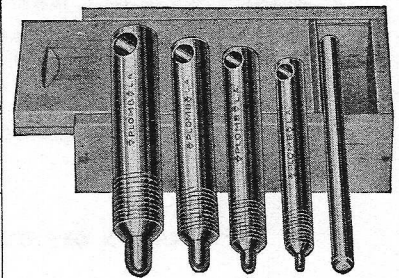
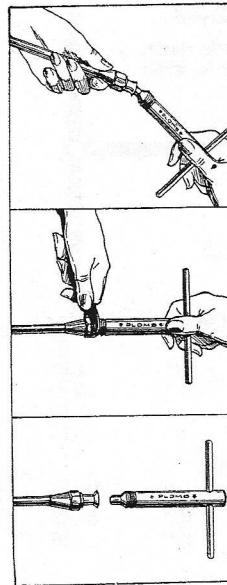
*For broken Alemite fittings.

For Pipe and Fittings

9526	$\frac{1}{2}$	$\frac{3}{8}$	4 $\frac{1}{2}$	$\frac{3}{4}$	$\frac{1}{2}$	$\frac{3}{4}$	$\frac{3}{8}$	1.35
9527	$\frac{3}{4}$	$\frac{1}{2}$	5	$\frac{7}{8}$	$\frac{5}{8}$	$\frac{7}{8}$	$\frac{3}{8}$	1.45
9528	$\frac{1}{2}$	$\frac{3}{8}$	5 $\frac{1}{2}$	$\frac{1}{2}$	$\frac{3}{8}$	$\frac{1}{2}$	$\frac{3}{4}$	1.60
9529	$\frac{3}{4}$	$\frac{1}{2}$	5 $\frac{1}{2}$	$\frac{1}{2}$	$\frac{1}{2}$	$\frac{1}{2}$	1	2.25

No. 9500-A Set, Nos. 9521 to 9525, inclusive, in wooden box\$ 3.65

No. 9500-B Complete Set, as listed 10.30



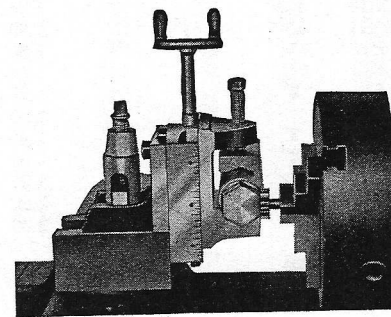
Flare tubing without removing it from car. Slip nut over tubing, select proper size tool and rotate point, as shown in top picture, to start flare. Next slide nut up and screw it tight on tool, holding nut with wrench, as shown in center. Then screw off. That's all. The result is a perfect flare, with correct taper and exact metal to metal contact for a tight, dry joint.

No.	Size	Thread	Price	No.	Size	Thread	Price
9406	$\frac{3}{16}$ "	$\frac{3}{8}$ -24	.25	9410	$\frac{5}{16}$ "	$\frac{1}{2}$ -20	\$.40
9408	$\frac{1}{4}$ "	$\frac{5}{16}$ -20	.35	9412	$\frac{3}{8}$ "	$\frac{3}{8}$ -20	.45

9400A Set, 4 sizes as above in slide cover box.....\$1.45

Paschall Lathe Attachment

MAKES ANY LATHE A MILLING MACHINE



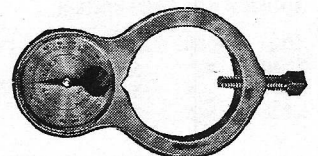
This attachment clamps on the tool rest of a lathe, converting it instantly into a light milling machine for axle squaring, key-way cutting, and similar work. May be attached to any compound rest, permitting the use of all the automatic feeds on the lathe. Uses any type of cutter. Weight, 26 lbs.

No. 2075. Price.....\$35.00

NEFF INDEX

—For Use with Paschall Milling Attachment

With the Neff Index the mechanic is equipped to lay off squares, hexagons, etc., line up or off-set key-ways, lay out work for drill press, etc. Ideal for use with Paschall Milling Attachment.



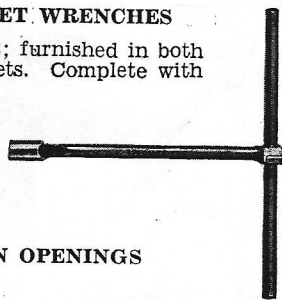
No. 2071 Neff Index—for material up to 2 $\frac{1}{2}$ " in diameter, price\$10.00

No. 2072 Neff Index—for material up to 4" in diameter, price\$12.00

Plomb Hand-Forged Automotive and Aviation Tools

*6" T-HANDLE SOCKET WRENCHES

Powerful little wrenches; furnished in both hexagon and square sockets. Complete with pin handle.



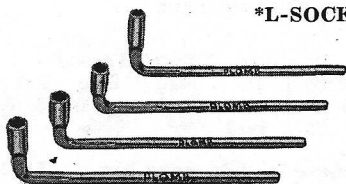
*HEXAGON OPENINGS

No.	Opening	Price	No.	Opening	Price
T66	$\frac{3}{8}$ "	\$.55	T612	$\frac{3}{4}$ "	.95
T67	$\frac{7}{16}$ "	.60	T613	$\frac{13}{16}$ "	1.05
T68	$\frac{1}{2}$ "	.65	T614	$\frac{7}{8}$ "	1.10
T69	$\frac{9}{16}$ "	.75	T615	$\frac{15}{16}$ "	1.15
T611	$\frac{11}{16}$ "	.85	T616	1"	1.15

*SQUARE OPENINGS

No.	Opening	Price	No.	Opening	Price
T65S	$\frac{1}{8}$ "	\$.50	T68S	$\frac{1}{2}$ "	\$.60
T66S	$\frac{3}{8}$ "	.50	T69S	$\frac{15}{16}$ "	.70
T67S	$\frac{7}{16}$ "	.55			

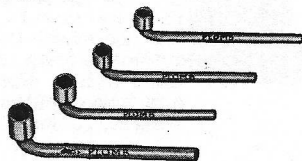
*L-SOCKET WRENCHES



Tools of fine quality, forged with extra deep sockets from one piece of the best grade steel. Made in the following sizes:

No.	Long Bend	No.	Short Bend	Open.	Lnth.	Price
LL7	2"	LS7	$1\frac{1}{2}$ "	$\frac{7}{16}$ "	11"	\$.70
LL8	2"	LS8	$1\frac{1}{2}$ "	$\frac{1}{2}$ "	11"	.90
LL9	$2\frac{1}{4}$ "	LS9	$1\frac{1}{2}$ "	$\frac{9}{16}$ "	11"	1.00
LL10	$2\frac{1}{2}$ "	LS10	$1\frac{1}{2}$ "	$\frac{5}{8}$ "	12"	1.20
LL11	3"	LS11	$1\frac{1}{2}$ "	$\frac{11}{16}$ "	13"	1.30
LL12	3"	LS12	$1\frac{3}{4}$ "	$\frac{3}{4}$ "	13"	1.56
LL13	3"	LS13	$1\frac{3}{4}$ "	$\frac{13}{16}$ "	13"	1.60
LL14	3"	LS14	2"	$\frac{7}{8}$ "	14"	1.75
LL15	$3\frac{1}{2}$ "			$\frac{15}{16}$ "	14"	1.90
LL16	$3\frac{1}{2}$ "	LS16	2"	1"	14"	1.95
LL18	4"	LS18	2"	$1\frac{1}{8}$ "	14"	2.00
LL21	5"			$1\frac{5}{16}$ "	17"	2.25
LL22	6"			$1\frac{3}{8}$ "	18"	2.40
LL24	6"			$1\frac{1}{2}$ "	18"	2.60

*MIDGET ELL SOCKET WRENCHES



Solid one-piece, single-end socket wrenches that are excellent for bearing work, axle nuts,

chassis work, and other jobs. Bend is short and the sockets are thin-walled.

No.	Open.	Lnth.	Price	No.	Open.	Lnth.	Price
LM6	$\frac{3}{8}$ "	5"	\$.55	LM9	$\frac{9}{16}$ "	$5\frac{1}{2}$ "	\$.65
LM7	$\frac{7}{16}$ "	$5\frac{1}{2}$ "	.60	LM10	$\frac{5}{8}$ "	6"	.75
LM8	$\frac{1}{2}$ "	$5\frac{1}{2}$ "	.65				

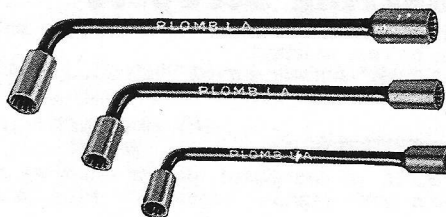


*N89—90° OPEN-END WRENCH

Useful for exhaust manifolds, distributors, carburetors, etc., where a 15° or 22½° open-end wrench will not work. Openings, $\frac{1}{2}$ " and $\frac{9}{16}$ " (SAE sizes $\frac{5}{16}$ " and $\frac{3}{8}$ "). Price\$.75

*Discontinued when present stock exhausted. Los Angeles stock only.

Double-End Ell Socket Wrenches



Forged from one piece of steel, giving uniform torque throughout. Break or cinch nut with L end, speed it on or off with other. Favorite for con. rods, main bearings, cylinder heads, etc. Popular in aircraft industry because of light weight with great strength. 12-point openings work in close places, where there's room to turn wrench only short distance.

No.	Opening Both ends	Length	Bend	Price
E6	$\frac{3}{8}$ "	$5\frac{1}{2}$ "	$1\frac{1}{4}$ "	\$.75
E7	$\frac{7}{16}$ "	$6\frac{1}{2}$ "	$1\frac{1}{2}$ "	.95
E8	$\frac{1}{2}$ "	$7\frac{1}{2}$ "	2"	1.05
E9	$\frac{9}{16}$ "	$9\frac{1}{2}$ "	$2\frac{1}{2}$ "	1.15
E10	$\frac{5}{8}$ "	11"	3"	1.30
E10½	$2\frac{1}{32}$ "	12"	$3\frac{1}{4}$ "	1.50
E11	$\frac{11}{16}$ "	12"	$3\frac{1}{4}$ "	1.60
E12	$\frac{3}{4}$ "	13"	$3\frac{1}{2}$ "	1.65
E14	$\frac{7}{8}$ "	14"	4"	1.75

S2410	$\frac{5}{8}$ "	24"	\$1.50	S199	$\frac{9}{16}$ "	19"	\$1.50
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*DT—12" ONE-PIECE T-HANDLE

A strong, handy socket handle, 12" long with $\frac{1}{2}$ " square socket connection. Used with No. 5400 12-point sockets, ranging in sizes from $\frac{1}{8}$ " to $1\frac{1}{4}$ ". (Sockets shown on Page 6.)

Price\$1.25

(Los Angeles and New York stocks only)



DSE\$1.00

A 10" Extension with knurled swivel grip for use with Sockets having $\frac{1}{2}$ " square openings.

(5400 Sockets shown on Page 6.)

Plomb Body and Fender Tools

Repairing damaged automobile fenders and bodies is very profitable work. With the increasing number of cars and greater crowding of highways, the demand for this type of service is constantly increasing. Correctly designed tools make the work easy to learn and perform. No shop should permit these body and fender jobs to go elsewhere, when a small investment in tools will enable it to do the work and make the profit.

The Plomb body and fender tool line is completely up-to-date. It represents the latest thought and the best ideas of practical body and fender repairmen. Every tool will do the maximum work with the greatest ease and in the minimum time. They are the tools of specialists, therefore the best tools for every mechanic who does body and fender work.

PRACTICAL DOLLY BLOCKS OF HIGHEST QUALITY

Plomb dollies are correct in design, forged from finest steel, ground true to shape. They provide a surface or angle for practically every contour found on automobile bodies and fenders. It pays to buy this quality, which will give long and satisfactory service.



NO. 1455—WEDGE DOLLY

A scientifically designed dolly for all-around work, providing a variety of broad and narrow contours. One side is very slightly crowned, while the other side has a greater curve. One end and edge are rounded for panel beading, while the other edge is flat for corner work and flat beading. The point of the wedge is thin and rounded for very narrow beading on fenders and for working around inside edges of door and body panels where space is limited. Also useful underneath fender brackets. Dimensions: 2½" wide, 4¾" long, 1" at thickest point. Weight, 2¼ lbs.

Price.....\$1.40

NO. 1456—FENDER WELL DOLLY

Especially designed for working in and around tire wells, curved edges of fenders, and sharp curves of body. One end has a long, gradual curve and the other end has a short, sharp curve. The combination of the two provides practically any radius encountered in fender well work. The dolly is long enough to give a firm grasp on middle of tool when using either end. Bottom of each curved end is offset sharply to clear bead wire. Dimensions: 5" long, 2" wide, 1¼" thick. Weight 2 lbs.

Price.....\$1.40

NO. 1452—EGG-SHAPED DOLLY

This pattern has proved of great value in general body and fender work. The Plomb egg dolly has many different curves, and is an exceptionally good general purpose tool. Dimensions: 1½" thick, 2½" wide, 3¾" long; weight, 2¾ lbs. Old No. HFD2.

Price.....\$1.40

NO. 1454—RADIUS DOLLY

Another general purpose dolly that has a great many radii, providing correct curves to fit many contours. Bottom and one side are flat; both ends are high crowned, and the other side gives various broad curves. Dimensions: 1½" thick, 2" wide, 4¾" long; weight, 2 lbs., 10 oz. Old No. HFD4.

Price.....\$1.40



NO. 1451—CROWN DOLLY

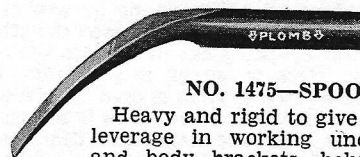
Ideal for fenders and high-crowned parts of body, providing a large variety of contours. Dimensions: 1½" thick, 2½" wide, 3¾" long; weight, 1 lb. 10 oz. Old No. HFD1.

Price.....\$1.25



HAND-FORGED SPOONS

Plomb body-workers' spoons are produced by the same exacting processes as our finest hand-forged tools. Consequently they give years of service, withstand the heaviest strains, and will not break, dent or bend. Designed on the proved patterns of successful body repairmen. All working surfaces are accurately ground and polished and scientifically tempered.



NO. 1475—SPOON

Heavy and rigid to give a powerful leverage in working under fender and body brackets, behind corner braces, in door hinge recesses, etc. Tapering face is 5" long and 1¾" at widest point, slightly crowned. 1" shank is 5" long. Weight, 1¾ lbs.

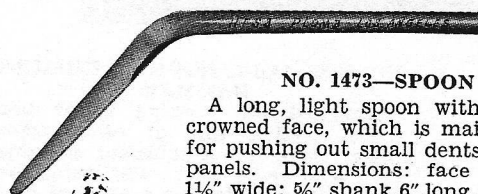
Price.....\$1.25



NO. 1476—SPOON

A short, heavy spoon sharply curved at end, especially adapted to reaching over and behind top rails when straightening out quarter panels, and for other uses where a sharp radius and fairly broad face are needed. Dimensions: Face 2" wide, 4" long around curve; shank 5" long, ¾" diam. Weight, 1 lb.

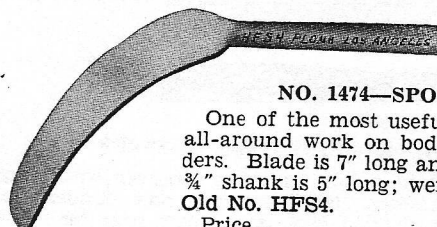
Price.....\$1.15



NO. 1473—SPOON

A long, light spoon with slightly crowned face, which is mainly used for pushing out small dents in body panels. Dimensions: face 5" long, 1½" wide; ⅝" shank 6" long. Weight, 14 oz. Old No. HFS3.

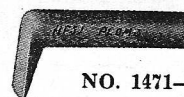
Price.....\$1.00



NO. 1474—SPOON

One of the most useful spoons for all-around work on bodies and fenders. Blade is 7" long and 2½" wide; ¾" shank is 5" long; weight, 1¼ lbs. Old No. HFS4.

Price.....\$1.35



NO. 1471—SPOON

This short spoon is especially useful for working under fender brackets, on cowl, wheel housings, etc. High-crowned face 1¼" wide, 2" long; 1" shank is 4½" long. Weight, 1¼ lbs. Old No. HSF1.

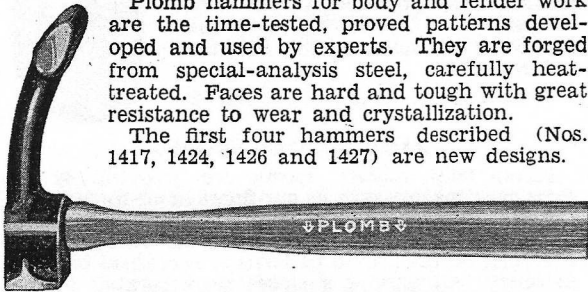
Price.....\$1.25

Plomb Hand-Forged Automotive and Aviation Tools

Plomb Bumping Hammers

Plomb hammers for body and fender work are the time-tested, proved patterns developed and used by experts. They are forged from special-analysis steel, carefully heat-treated. Faces are hard and tough with great resistance to wear and crystallization.

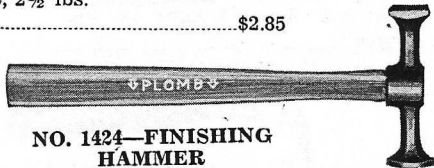
The first four hammers described (Nos. 1417, 1424, 1426 and 1427) are new designs.



NO. 1417—ROUGHING OUT HAMMER

A new design in a heavy roughing hammer, which is being hailed as an achievement by expert body and fender men. Single end and greater length from eye to end permit roughing out of fenders without removing wheels. Neck is curved to get dents in edges of fenders. Short side of head is used for striking against with another hammer, when there is not enough room to swing the roughing hammer. Dimensions: Head from center of eye to end, 5½"; rounded cross pein 2" wide on long end; crowned face on short end 1½" by 1½". Weight, 2½ lbs.

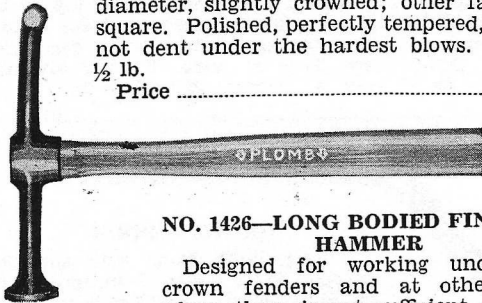
Price\$2.85



NO. 1424—FINISHING HAMMER

A light-weight hammer, perfectly balanced for expert finishing work. Round face is 1½" diameter, slightly crowned; other face, 1½" square. Polished, perfectly tempered, and will not dent under the hardest blows. Weight, ½ lb.

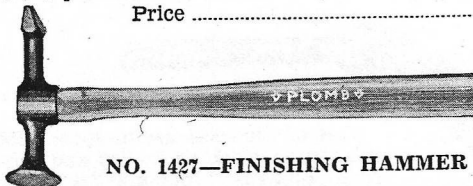
Price\$1.90



NO. 1426—LONG BODIED FINISHING HAMMER

Designed for working under high crown fenders and at other points where there is not sufficient clearance for a shorter hammer. 1½" round face is slightly crowned; the other face is a rounded cross pein 1½" wide. Round face is 3½" to center of eye; cross pein is 4" to center of eye. Weight, 1 lb.

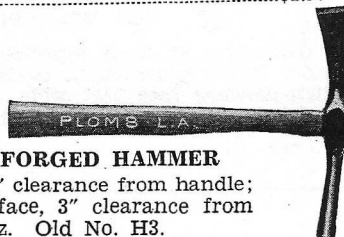
Price\$2.35



NO. 1427—FINISHING HAMMER

Another light-weight finishing hammer with round face 1½" diameter, slightly crowned, and rounded cross pein 1" wide at other end. Cross pein used for fender beads, sharp corners along panel beading, etc. Length, round face to center of eye, 2", cross pein to center of eye, 2½"; weight, ½ lb.

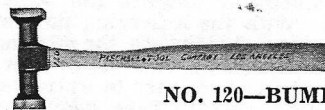
Price\$1.90



NO. 1403—HAND-FORGED HAMMER

½"x¾" oval face, 3" clearance from handle; ½"x¾" crown pein face, 3" clearance from handle; weight, 14 oz. Old No. H3.

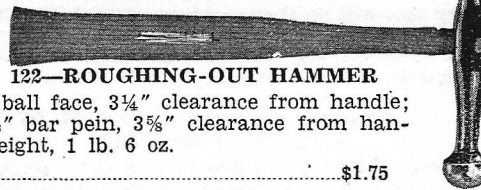
Price.....\$1.75



NO. 120—BUMPING HAMMER

1¼" round face, 11½" clearance from handle; 1½" square face, 11½" clearance from handle; weight, 9 oz.

Price.....\$1.25



NO. 122—ROUGHING-OUT HAMMER

1¼" ball face, 3¼" clearance from handle; ½"x1½" bar pein, 3½" clearance from handle; weight, 1 lb. 6 oz.

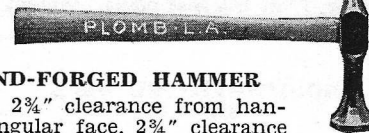
Price.....\$1.75



NO. 1416—HAND-FORGED HAMMER

1½" round face, 3¼" clearance from handle; ½"x¾" crowned oval face, 4" clearance from handle; weight, 1¼ lbs. Old No. H16.

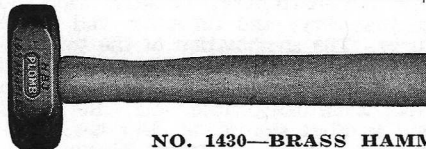
Price.....\$2.50



NO. 1409—HAND-FORGED HAMMER

1½" round face, 2¾" clearance from handle; ½"x¾" rectangular face, 2¾" clearance from handle; weight, 12 oz. Old No. H9.

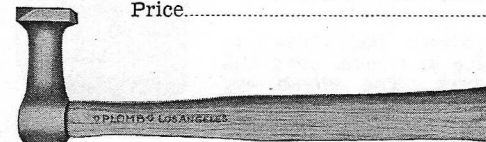
Price.....\$2.50



NO. 1430—BRASS HAMMER

A general utility brass hammer for body and fender work, fitting wrist pins, etc. Weight, in box, 1¼ lbs. Old No. HB3.

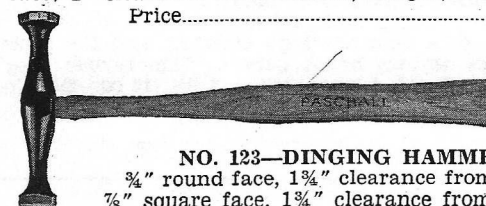
Price.....\$1.45



NO. HB5—BRONZE HAMMER

Cast of special alloy Manganese bronze, far superior to ordinary bronze or copper. Tough and close-grained, with approximate tensile strength of mild steel and hardness of cast iron. 1½" round face, 2" clearance from handle; 1½" square face, 2" clearance from handle; weight, 1 lb.

Price.....\$1.75



NO. 123—DINGING HAMMER

¾" round face, 1¼" clearance from handle; ¾" square face, 1¼" clearance from handle; weight, 7 oz.

Price.....\$1.25

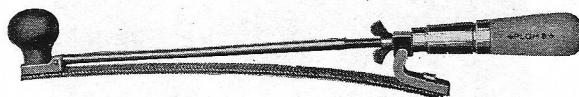


FENDER HAMMER HANDLES

Made of first quality, seasoned second growth hickory.

Price, each.....\$.20

Files and Handles



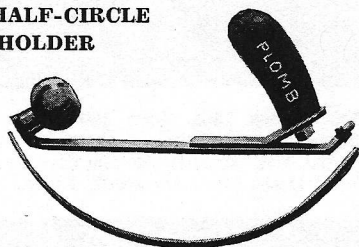
NO. 1508—ADJUSTABLE FILE HOLDER

A 3-way file holder that body and fender men will find ideal. Can be used for straight filing, or made either concave or convex by turning adjusting nut and handle. Comfortable grips—finest quality.

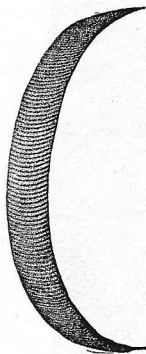
No. 1508—Holder only. Price.....\$1.90

No. 1509—Holder complete with No. 1501 Vixen body worker's file. Price.....\$4.05

NO. 1506—HALF-CIRCLE FILE HOLDER



No. 1506—10 $\frac{3}{8}$ " long; wt. 1 $\frac{1}{4}$ lbs.; for 14" half circle files\$1.50
No. 1507—No. 1506 Holder complete with 14" half circle file\$3.65



BODY WORKER'S FILES*

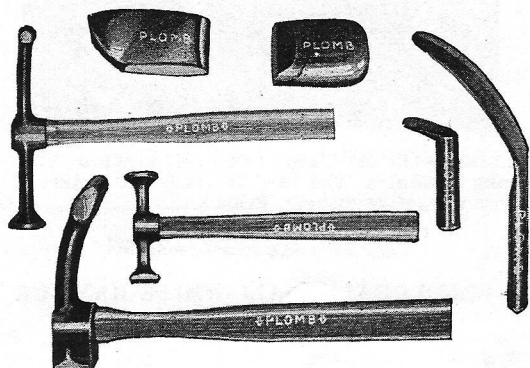
These are the new type genuine Vixen files, quickcutting, with uniformly milled, even teeth.

No. 1501 Straight Flexible File, 14" long, wt. 12 oz.\$2.15

No. 1505 Half Circle File, 14" long, wt. 9 oz.\$2.15

*These files are not made by Plomb Tool Co. They are guaranteed by us only to the extent as specified in the manufacturer's guarantee.

Body and Fender Sets

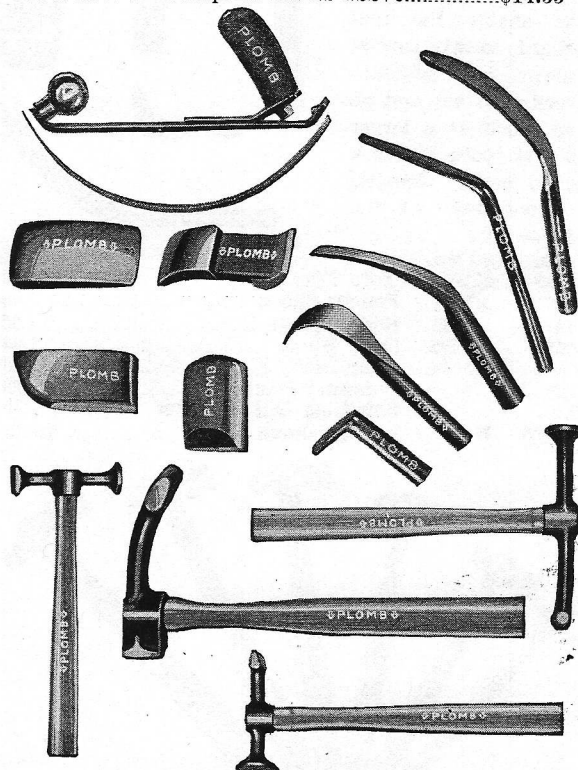


NO. 1400C—LOW PRICED SET

This set, while small, consists of the most essential tools. It makes an excellent starting set, to which the mechanic can add more tools as required. Every tool is the best quality and latest design. No. 2099 Tote Tray (not shown) is included.

No.	Old No.	Item	Price
2099	K100	Tote Tray	\$1.85
1471	HFS1	Spoon	1.25
1474	HFS4	Spoon	1.35
1452	HFD2	Egg Dolly	1.40
1454	HFD4	Radius Dolly	1.40
1417	.....	Roughing-out Hammer	2.85
1424	.....	Finishing Hammer	1.90
1426	.....	Long-Bodied Hammer	2.35

No. 1400C—Complete set as above.....\$14.35



NO. 1400D—A COMPLETE SET THAT INCLUDES ALL THE LATEST TOOLS

Here is a complete body and fender tool set that equips the mechanic to handle every job in the easiest and best way. Each item is of the highest quality and latest design. Files are included, as well as a No. 2099 Tote Tray for carrying the tools. Consists of the following items:

No.	Old No.	Item	Price
2099	K100	Tote Tray	\$1.85
1452	HFD2	Egg Dolly	1.40
1454	HFD4	Radius Dolly	1.40
1455	.....	Wedge Dolly	1.40
1456	.....	Fender Well Dolly	1.40
1471	HFS1	Spoon	1.25
1473	HFS3	Spoon	1.00
1474	HFS4	Spoon	1.35
1475	.....	Spoon	1.25
1476	.....	Spoon	1.15
1417	.....	Roughing-out Hammer	2.85
1424	.....	Finishing Hammer	1.90
1426	.....	Long-Bodied Hammer	2.35
1427	.....	Finishing Hammer	1.90
1501	.....	14" Flexible File	2.15
1505	.....	14" Half-Circle File	2.15
1508	.....	Adjustable File Holder	1.90
1506	.....	Half-Circle File Holder	1.50

No. 1400D—Body and Fender Tool Set, complete as above.....\$30.15

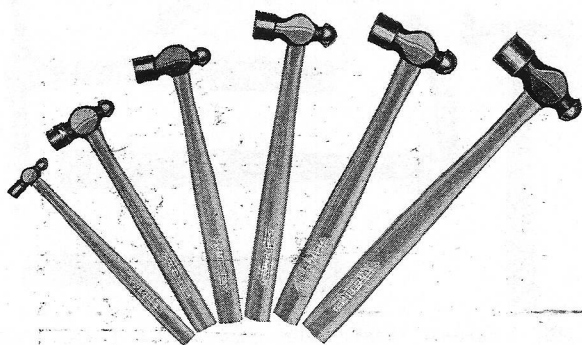
Plomb Hand-Forged Automotive and Aviation Tools

No. 1400A— Low Priced Set

Complete with Metal
Tote Tray

This small set, consisting of two hammers, two dolly blocks, and two spoons, are sufficient to enable the mechanic to take care of many jobs satisfactorily. It will not do as much as a larger set of tools, but is a good start. Consists of one each of the following:

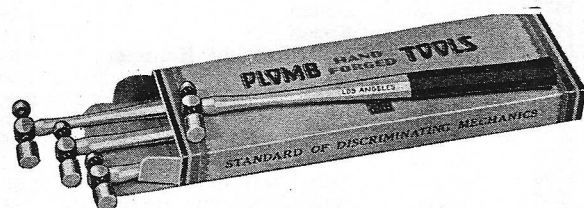
No.	Old No.		Price
2099	K100	Tote Tray	\$ 1.85
1471	HFS1	Fender Spoon	1.25
1474	HFS4	Body Spoon	1.35
1452	HFD2	Dolly Block	1.40
1454	HFD4	Dolly Block	1.40
120		Bumping Hammer	1.25
122		Roughing Out Hammer	1.75
1400A	HA	Set as above	10.25



Ball Pein Hammers

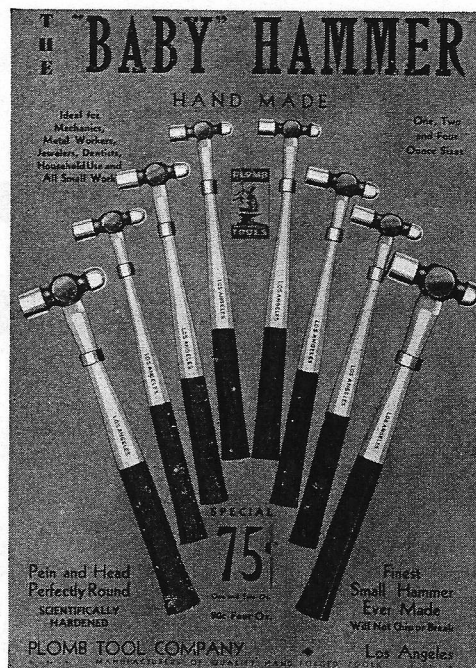
These are our Paschall Brand hammers. They are forged from finest steel and are first-grade hammers in every respect, perfectly balanced and completely worthy of inclusion in the Plomb Line. Both heads and peins are full-polished, and the steel is tempered to withstand the hardest service. Handles are select hickory, carefully fitted and wedged.

No.	Weight	Price	No.	Weight	Price
1301	1 oz.	\$.75	1308	8 oz.	.95
1302	2 oz.	.75	1316	1 lb.	1.10
1304	4 oz.	.90	1324	1½ lbs.	1.25

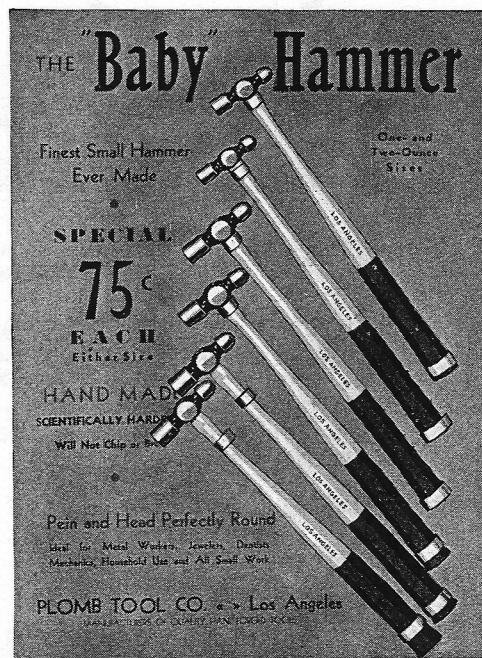


1300A Set—Four 1-oz. or four 2-oz. hammers packed in cardboard carton. Specify size when ordering. Price\$3.00

1300D Set—Four 4-oz. hammers packed in cardboard carton. Price.....\$3.60



No. 1300C—Two 1301, four 1302, and two 1304 hammers mounted on an attractive 14x20 display card. Sell directly off the display or keep a 1300A or D set for extra stock. Price.....\$6.30



No. 1300B—Display Card of two 1301 and four 1304 baby hammers. The card is 13x18 and makes a very attractive display. Price.....\$4.50



FIRST QUALITY ALL-WHITE HAMMER HANDLES

No.	For Hammer	Length	Price
1302H	2-oz.	10"	\$.20
1304H	4-oz.	10"	.20
1308H	8-oz.	12"	.25
1316H	1-lb.	14"	.25
1324H	1½-lb.	16"	.30

Plomb Hand-Forged Punches, Chisels, Bars, etc.

The first tools made by Plomb Tool Company many years ago were chisels and punches. They were produced then, as today, by the hand-forging process. The exceptional quality of these original Plomb Tools, the reputation which they gained among the men who used them, were the foundation upon which the great Plomb business of today was built.

We have never departed from the ideals of quality upon which the business was founded. Plomb chisels, punches, bars, etc., are still hand-forged. They are still the finest tools of their kind that can be purchased at any price. Modern production facilities and greater volume enable us to offer these masterpieces of hand-forged steel at lower prices.



NO. 41 CENTER PUNCHES

Convenient sizes and lengths; extra hard points mark all metals except those tempered, case hardened or file hard, which, of course, cannot be marked with a steel tool.

Stock	Length	Price	Stock	Length	Price
1/4"	4 1/4"	\$.20	7/16"	5"	\$.30
5/16"	4 1/2"	.25	1/2"	5 1/4"	.35
3/8"	4 3/4"	.25	5/8"	5 1/2"	.40

NO. 44 PRICK PUNCHES

1/4" Octagon stock, 4 3/4" long.	Each	.....\$ .20
5/16" Octagon stock, 5" long.	Each	..... .25
3/8" Octagon stock, 5 1/4" long.	Each	..... .25



NO. 30 RIVET CUTTERS

Note design of this cutter. It shears off rivet or bolt head by forcing it against opposite side of hole, and pries the head off in half the time you could do it with a cold chisel.

5/8" Octagon stock, 3/4" cut, 8" long.	Price	.....\$ .60
3/4" Octagon stock, 7/8" cut, 12" long.	Price	..... 1.00



NO. 15 ALIGNING PUNCHES

1/2" Round, 11" long, 1/8" point	.....\$ .80
5/8" Octagon, 16" long, 1/8" point	..... 1.00



No. 72 Cape Chisels.



No. 76 Diamond Chisels.



No. 80 Rd. Nose Chisels.

CAPE, DIAMOND AND ROUND NOSE CHISELS

Standard pattern chisels of finest hand-forged steel, selected and heat-treated according to size and pattern. Order by number and stock.

Stock	Cut	Length	Price	Stock	Cut	Length	Price
1/4"	5/32"	4 1/2"	\$.25	1/2"	5/16"	6"	\$.40
5/16"	3/16"	5"	.25	5/8"	3/8"	6 1/2"	.50
3/8"	1/4"	5 1/2"	.30				



GARAGE BARS

Prying end is useful for removing small gears, testing end play of bearings, etc. Taper end used for lining up fenders, transmission covers, running boards, and for many other uses.

No.	Old No.	Stock	Length		Price
2116	G168S	1/2"	16"	Sq. End	.95
2120	G1810S	5/8"	18"	Sq. End	1.35
2124	G2412S	3/4"	24"	Sq. End	1.85



No. 61



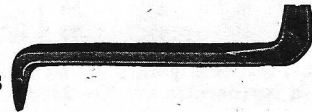
No. 60

OIL GROOVERS

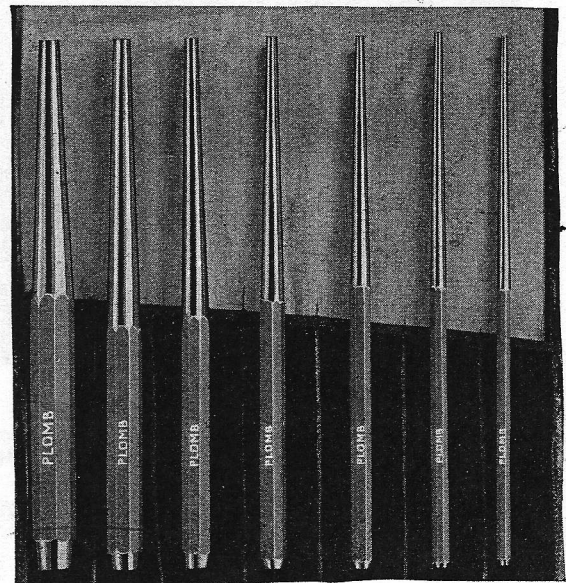
Forged from finest steel and designed to cut even, uniform oil way grooves in bearings.

No. 60 Straight—5/16" stock, 1/8" cut, 6" long	.....\$ .35
No. 61 Offset—5/16" stock, 1/8" cut, 6" long	..... .40

NO. 36 OFFSET SCREW DRIVERS



1/4" Octagon stock, 4 3/4" long.	Price	.....\$ .45
5/8" Octagon stock, 5" long.	Price	..... .55
3/8" Octagon stock, 6" long.	Price	..... .65



NO. 96 LONG TAPER DRIFT PUNCHES

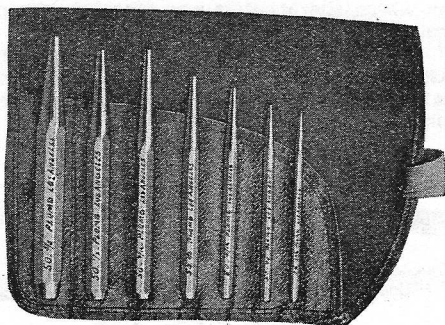
Forged from special alloy, fatigue resisting steel, almost unbreakable. Especially useful in lining up work and similar jobs. Each 10" long, with 5" taper.

Stock	Point	Price	Stock	Point	Price
1/4"	3/32"	\$.40	1/2"	1/4"	\$.65
5/16"	1/8"	.45	5/8"	5/16"	.75
3/8"	3/16"	.50	3/4"	3/8"	1.00
7/16"	7/32"	.55			

No. 96A Set, points 3/32" to 5/8", inclusive, 6 punches. In Kit No. 2404.....\$3.55

No. 96B Set, Complete as above, 7 punches. In Kit No. 2404 4.55

Plomb Hand-Forged Automotive and Aviation Tools

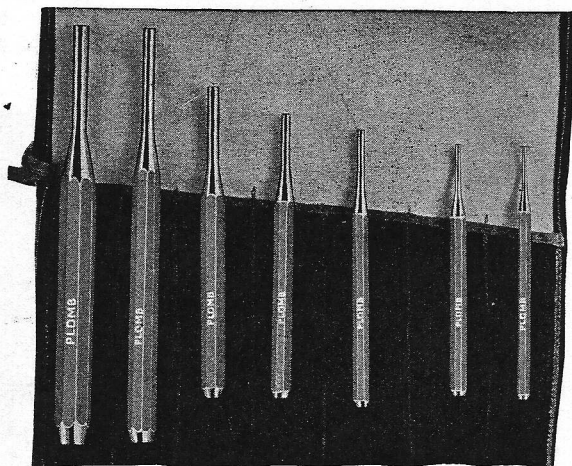


NO. 50 SOLID PUNCHES

Forged from selected steel, individually tempered to give maximum hardness at point.

Stock	Point	Lgth.	Price	Stock	Point	Lgth.	Price
3/16"	1/16"	4 1/4"	.20	3/8"	3/16"	5"	.25
1/4"	3/32"	4 1/2"	.20	7/16"	7/32"	5 1/4"	.30
5/16"	1/8"	4 3/4"	.25	1/2"	1/4"	5 1/2"	.35

No. 50-A Set, points 1/8" to 1/4", inclusive, 6 punches in leatherette kit No. 2403.....\$1.75



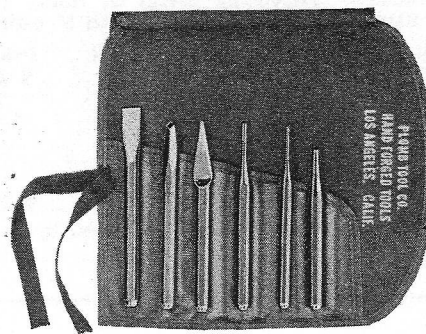
NO. 47 RIVET OR PIN PUNCHES

Forged from the same fine steel as the famous Plomb screw drivers. They stand up under hardest service.

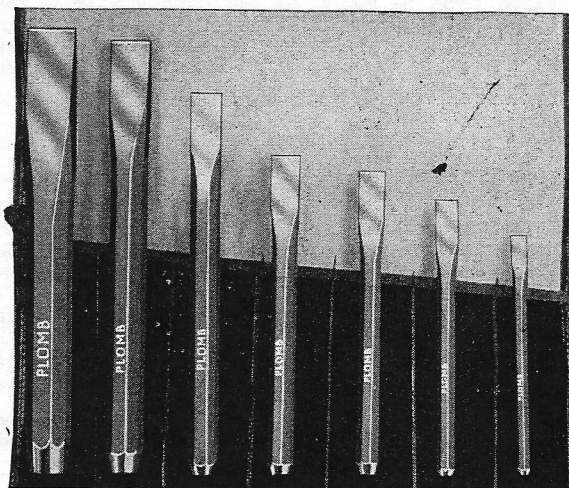
Stock	Point	Lgth.	Price	Stock	Point	Lgth.	Price
1/4"	3/32"	5"	.25	3/8"	3/16"	5 1/2"	.30
5/16"	1/8"	5 1/4"	.25	7/16"	7/32"	5 3/4"	.35
5/16"	5/32"	5 1/4"	.25	1/2"	1/4"	6"	.40

47-A Set, points 3/32" to 1/4", inclusive, 6 punches, in leatherette kit, No. 2403.....\$2.00

NO. 3 LOW PRICED PUNCH AND CHISEL KIT



Contains
3/8" Center
Punch; 5/16"x
5/32" Rivet
Punch; 3/8"x
3/16" Rivet
Punch; 3/8"
Cape Chisel;
3/8" Diamond
Chisel; 7/16"
Cold Chisel.
In Kit
No. 2403
Price 2.10



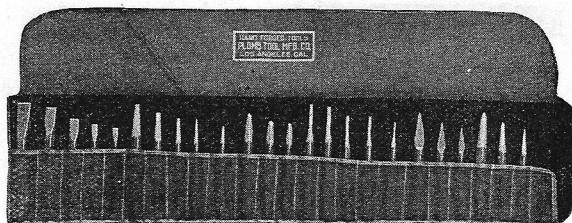
NO. 86A SPECIAL COLD CHISELS

A brand new special chisel, hand-forged from the same wonderful steel as the famous Plomb screw drivers. Sizes as follows—specify No. 86A:

Stock	Cut	Length	Price	Stock	Cut	Length	Price
1/4"	9/32"	4 1/2"	.20	1/2"	5/8"	7"	.50
5/16"	3/8"	5"	.25	5/8"	3/4"	8"	.60
3/8"	7/16"	5 1/2"	.30	3/4"	7/8"	8"	.80
7/16"	1/2"	6"	.35	3/4"	7/8"	12"	1.00

No. 86AA Chisel Set, 1/4 to 3/4x8 inclusive, 7 Chisels in leatherette kit, No. 2404.....\$3.25

No. 86AB Chisel Set, Complete as listed, in leatherette kit, No. 2404..... 4.25



PUNCH AND CHISEL KITS

Complete assortments of small punches and chisels, in handsome kits with patent leather backs and canvas pockets and flaps. Sturdy materials make them suitable for keeping in tool box or nailing on wall.

NO. 1 COMPLETE KIT (Illustrated)

Contains 1 Prick Punch, 1/4"; 2 Center Punches, 5/16", 7/16"; 3 Cape Chisels, 1/4", 5/16", 3/8"; 5 Rivet Punches, 1/4"x3/32", 5/16"x1/8", 5/16"x5/32", 3/8"x3/16", 7/16"x7/32"; 3 Diamond Chisels, 1/4", 5/16", 3/8"; 5 Solid Punches, 3/16"x1/16", 1/4"x3/32", 5/16"x1/8", 3/8"x3/16", 7/16"x7/32"; 4 Cold Chisels, 1/4", 5/16", 3/8", 7/16".

In leatherette Kit No. 2401. Price.....\$6.95

NO. 2 MEDIUM PRICED KIT

Contains 1 Center Punch, 3/8"; 1 Cape Chisel, 5/16"; 3 Rivet Punches, 1/4"x3/32", 5/16"x1/8", 3/8"x3/16"; 1 Diamond Chisel, 5/16"; 3 Solid Punches, 3/16"x1/16", 5/16"x1/8", 3/8"x3/16"; 3 Cold Chisels, 1/4", 3/8", 7/16".
In leatherette Kit No. 2402. Price.....\$3.50

Plomb Hand-Forged Screwdrivers

Plomb screw drivers are hand-forged from best grade Tungsten alloy steel. They are as painstakingly forged and tempered as the finest cutting tools, making the bit hard and tough and the shank springy and strong. The square, double heat-treated shank runs clear through to the steel cap. Handles will never loosen and octagon shape gives firm grip.

Plomb screw drivers are fully guaranteed when used as screw drivers. Naturally, we cannot replace a screw driver when the condition of the tool shows that it has been used as a pry bar or a cold chisel.

No. Lnth. Square Bit Overall Blade Width Size Lnth. Price

General Purpose—Blade Thru Handle

9701	1½	7/32	3/16	4¼	\$.40
9702	2½	7/32	3/16	6½	.50
9704	4	9/32	1/4	9	.65
9706	6	11/32	5/16	12	.90
9708	8	7/16	3/8	14½	1.10
9710	10	7/16	3/8	16½	1.20
9712	12	7/16	3/8	18½	1.35
9714	14	9/16	7/16	22½	1.80
9718	18	9/16	7/16	26½	2.15

Electrical Type

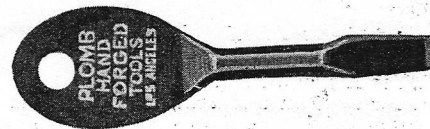
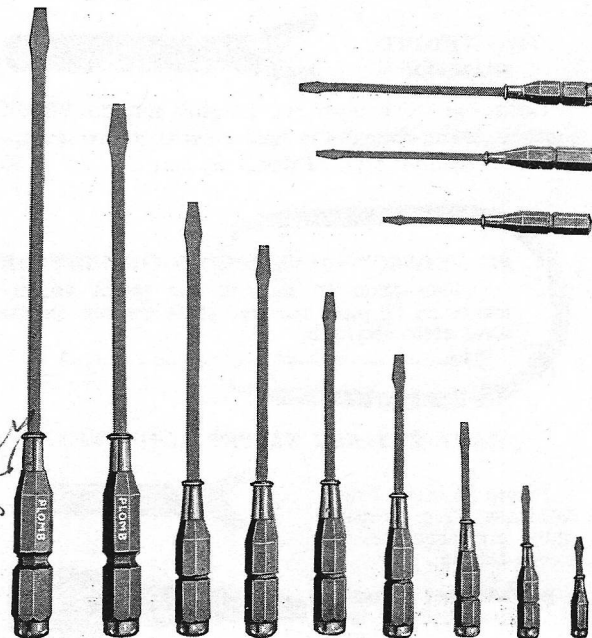
9722	2½	3/8	1/8	5¾	.35
9724	4½	3/8	1/8	7¾	.40
9732	4	7/32	3/16	8¾	.50
9733	7½	7/32	3/16	12¾	.60

Cabinet Type—Long Slim Blade

9741	9	7/32	3/16	13	.60
9742	9½	9/32	1/4	14½	.75
9743	10	11/32	5/16	16	.85

9700A Popular Set, 9701-9710, inc., and 9741.....\$ 5.35

9700B All above sizes, except Nos. 9722 and 9724..... 13.35



NO. 100—KEY RING SCREW DRIVER

A handy little screw driver for your key ring. Real hand-forged quality—you'll carry it for the rest of your life, and use it in a thousand ways.

No. 100, 2¼" long, each\$.20



NO. 9752—TAPPET SCREW-DRIVER

A powerful little screw-driver, with 1½" blade and 6" overall length, which is especially useful for adjusting overhead tappets. Price.....\$.85

Plomb Aviation Tools

Plomb Hand-forged Aviation Tools provide aviation mechanics and pilots with tools of the highest standards of workmanship, speed and precision. These tools are hand-forged by trained craftsmen from special analysis alloy steel, and scientifically heat-treated, making

them the lightest and strongest tools for airplane motor work.

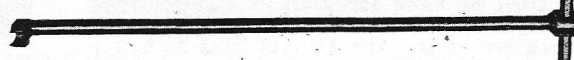
Used in the shops and planes of leading air transport companies, mail lines, and aeromotive maintenance shops. With the regular Plomb Line they meet every need of aviation service.



P1—WRIGHT VALVE SLEEVE PULLER

Hand-forged and heat-treated to withstand heavy strain and give exceptional service. Threads will not strip.

Price\$5.35
P1—with ball thrust bearing..... 6.35



P101—WRIGHT MOTOR BARREL WRENCH

Specially designed to turn Wright motor block nuts easily. Hand-forged from one piece of steel. 9/16" opening, 18" T-Handle.

Price.....\$2.50

Plomb Hand-Forged Automotive and Aviation Tools

P83—WRIGHT SPANNER



Turns the valve push rod housing nut on Wright motors. Hand-forged and heat-treated to give exceptional service. 6" long. Price.....\$.85

P81—"HISSE" VALVE SPRING COMPRESSOR

A time-saver in making the rough adjustments on Hispano motors. Heat-treated; points have great strength.

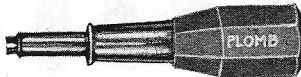
Price.....\$.60

PRATT-WHITNEY TAPPET ADJUSTERS

Found in many Pratt-Whitney kits because they are accurate and never-failing.



P87—Tappet Adjusting Screwdriver, 5½" long, Price.....\$1.15



P112—Tappet Adjusting Wrench, 5" long.....\$.90

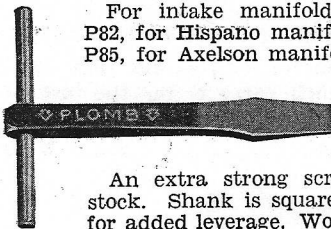


MANIFOLD SPANNER WRENCHES

For intake manifold or vertical shaft ring.

P82, for Hispano manifold, 10¼" long.....\$.85

P85, for Axelson manifold, 10¼" long.....\$1.00



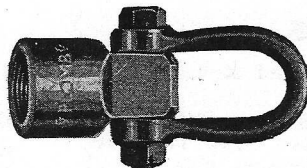
P974—T-HANDLE SCREWDRIVER

An extra strong screw driver; 4" blade ¾" stock. Shank is square so wrench may be used for added leverage. Won't twist or bend.....\$.50



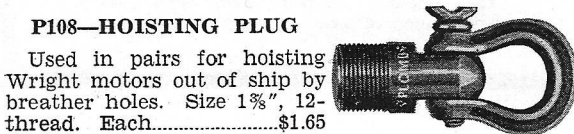
P84—WRIGHT VALVE SPRING COMPRESSOR

Hand-forged from one piece of special steel and heat-treated throughout. Price.....\$2.15



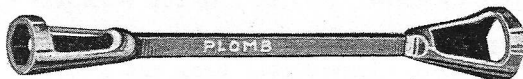
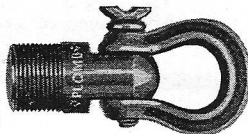
P104—HOISTING CAP

Screws on crankshaft to lift motor with chain blocks. Size 1½" female, 12-thread.....\$2.00



P108—HOISTING PLUG

Used in pairs for hoisting Wright motors out of ship by breather holes. Size 1¾", 12-thread. Each.....\$1.65



P200—SPARK PLUG WRENCH

Fits standard 11/16" or 1" spark plugs. Length 10¾"-11¼" and 1" hex openings. Necessary on Kinner motors. Price.....\$2.65



P102—WRIGHT MANIFOLD SPANNER

For Wright intake manifold nuts. Hand-forged from one piece of steel, properly heat-treated. Price.....\$3.25



NO. 9091—CYLINDER BASE STUD WRENCH for Wright and Pratt & Whitney

18" long, with ¾" 12-point opening. Socket is thin-walled and handle has correct offset to work perfectly on all Pratt & Whitney and Wright motors. Price \$4.00



AXELSON VALVE CAGE WRENCHES

Special valve cage socket wrenches, 4" long, made in the following sizes for Axelson motors:

P29—½" hex opening, price.....\$.90

P30—¾" opening, price 1.00



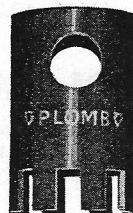
P103—CONICAL NUT WRENCH

Wright rocker box stud or conical nut wrench; takes push rods inside rocker box. Length 4½".....\$1.00



P100—OX5 MOTOR BLOCK WRENCH

A crowfoot wrench with ½" opening and 18" T-handle. Specially designed for motor block nuts on OX5 motors. Hand-forged. Price.....\$2.00



P106—PROPELLER CAP WRENCH

For Curtiss OX5, Axelson and "Hisso" motors. Hand-forged and heat-treated.

Price.....\$1.85



P110—WRIGHT PROPELLER WRENCH

For inner hub nut on Wright motors. Hand-forged from one piece of fine steel for exceptional strength. Length, 13½", 11½" hex opening. Price.....\$2.60

P111—WRIGHT PROPELLER WRENCH

For outer hub nut on Wright motors. Has extraordinary strength due to hand-forging and scientific heat-treating. Length, 13½" 2¼" hex opening.

Price.....\$2.60





P3—WRIGHT LOWER ANCHOR PIN PULLER

All parts have tremendous strength to withstand severest strains. Price.....\$4.15

UNIVERSAL SOCKET WRENCHES

General purpose 12-point sockets with thin walls, short-coupled universals, light weight, but exceptional strength. All are 18" long.

No.	Size	Price	No.	Size	Price
P11	7/16"	\$2.00	P14	5/8"	\$2.50
P12	1/2"	2.15	P15	11/16"	2.50
P13	9/16"	2.35	P16	3/4"	2.50



P51—HISSO BANK WRENCH

Ideal for removing Hispano Bank or motor block. Both openings 9/16", 90° on one end and offset the other. Price.....\$.85



P26—WRIST PIN LOCK SCREW WRENCH

5/16" hexagon socket is exceptionally thin-walled, but has great strength. Necessary for OX5 and all motors with fixed wrist pins. 6 1/2" long. Price.....\$1.15



18" T-HANDLE SOCKET WRENCHES

Made especially for OX5 motor blocks, but are good general-purpose wrenches for any mechanic, as they fit 1/4" and 5/16" S. A. E. nuts.

P27—7/16" hex opening	\$1.60
P28—1/2" hex opening	1.60



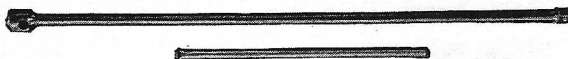
P80—"HISSO" VALVE TAPPET ADJUSTER

When used in conjunction with P81 (see next column) permits very fine adjustment to be made very quickly. Price.....\$1.15



P86—WRIGHT OIL PLUG SPANNER

Two pairs of pins at right angles permit this tool to be used in close quarters in any position for turning the Wright crankshaft oil plug. Hand-forged strength and quality. Price.....\$1.50

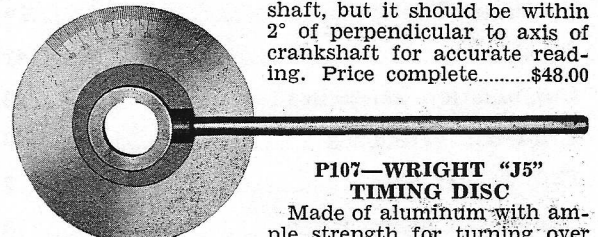
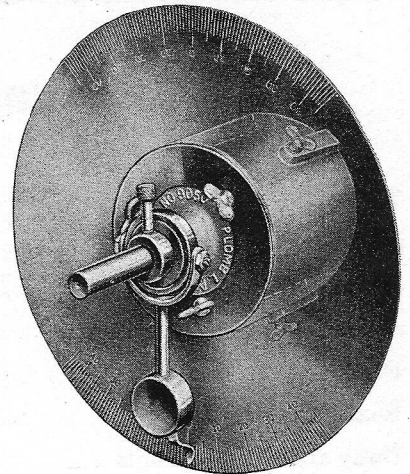


P40—18" T-HANDLE EXTENSION

A wrench that is used extensively in aviation work. Fits sockets with 1/2" square connections. Price.....\$.95

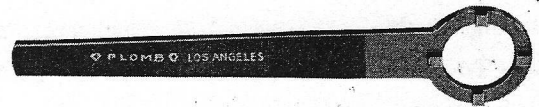
NO. 9050—UNIVERSAL TIMING DISC

Attach disc as follows: If propeller is on motor, clamp disc hub on propeller nut with the three thumb screws. If propeller has been removed, clamp hub on crankshaft in same manner. Find dead-center either by using a spark plug dead-center gauge or other approved method. Set pendulum pointer to clear dial graduations by loosening set screw on bearing and sliding pendulum assembly to proper point on center shaft. Next loosen the three friction set screws and turn dial so pendulum pointer is at zero. Tighten the friction set screws and disc is properly applied to check or set valve or magneto timing following engine manufacturer's recommended procedure. Remember, it is not necessary to have disc centered on shaft, but it should be within 2° of perpendicular to axis of crankshaft for accurate reading. Price complete.....\$48.00



P107—WRIGHT "J5" TIMING DISC

Made of aluminum with ample strength for turning over motor. Calibrated with absolute accuracy. Lasts a lifetime. Fastest and most accurate method of timing a motor. Price.....\$14.00



P105—WRIGHT CRANKSHAFT THRUST BEARING SPANNER

One piece of hand-forged, heat-treated steel. Enormously strong. Price.....\$3.35



NO. 9092—PRATT & WHITNEY VALVE SPRING TOOL

This valve spring compressor is hand-forged and of sufficient length for proper leverage. Price.....\$4.00



NO. 9090—PRATT & WHITNEY PUSH ROD TOOL

It is necessary to compress the valves when installing or removing push rods and housings. This tool is correctly designed to handle this job efficiently. Clevis with threaded screw is adjustable and acts as lock, holding valve compressed and permitting mechanic to use both hands. Price.....\$3.50

Plomb Hand-Forged Automotive and Aviation Tools

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